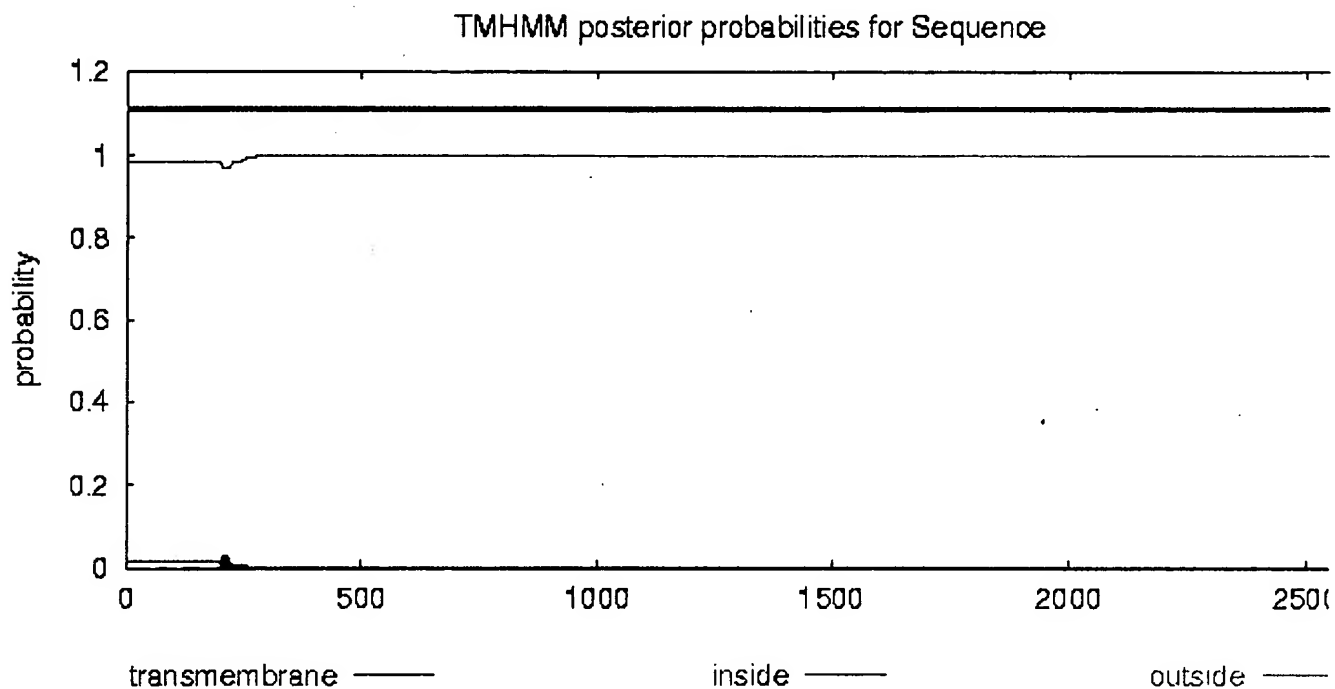


TMHMM result

```
# Sequence Length: 2644
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.98352000000000000000000000000003
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.01582
Sequence      TMHMM2.0      outside      1  2644
```

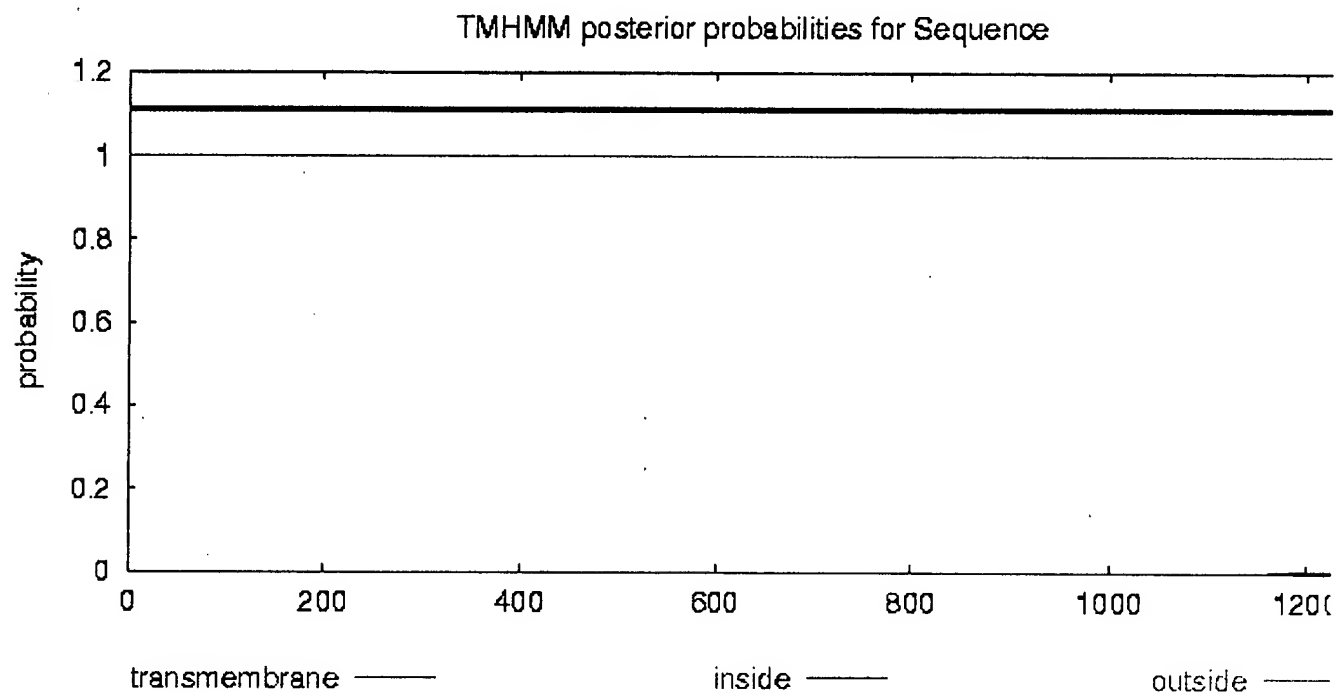


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 1

TMHMM result

Sequence Length: 1271
Sequence Number of predicted TMHs: 0
Sequence Exp number of AAs in TMHs: 0.04016
Sequence Exp number, first 60 AAs: 0
Sequence Total prob of N-in: 0.00000
Sequence TMHMM2.0 outside 1 1271

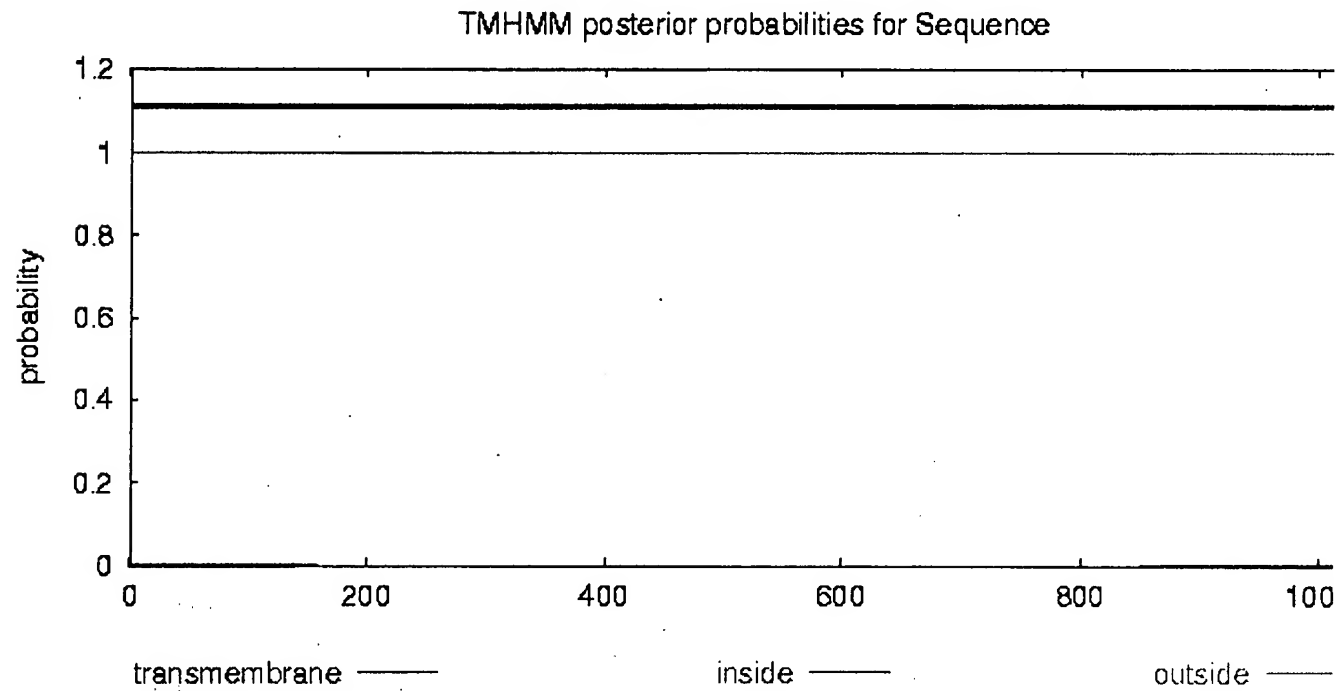


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 2

TMHMM result

Sequence Length: 1050
Sequence Number of predicted TMHs: 0
Sequence Exp number of AAs in TMHs: 0.02718
Sequence Exp number, first 60 AAs: 0
Sequence Total prob of N-in: 0.00036
Sequence TMHMM2.0 outside 1 1050

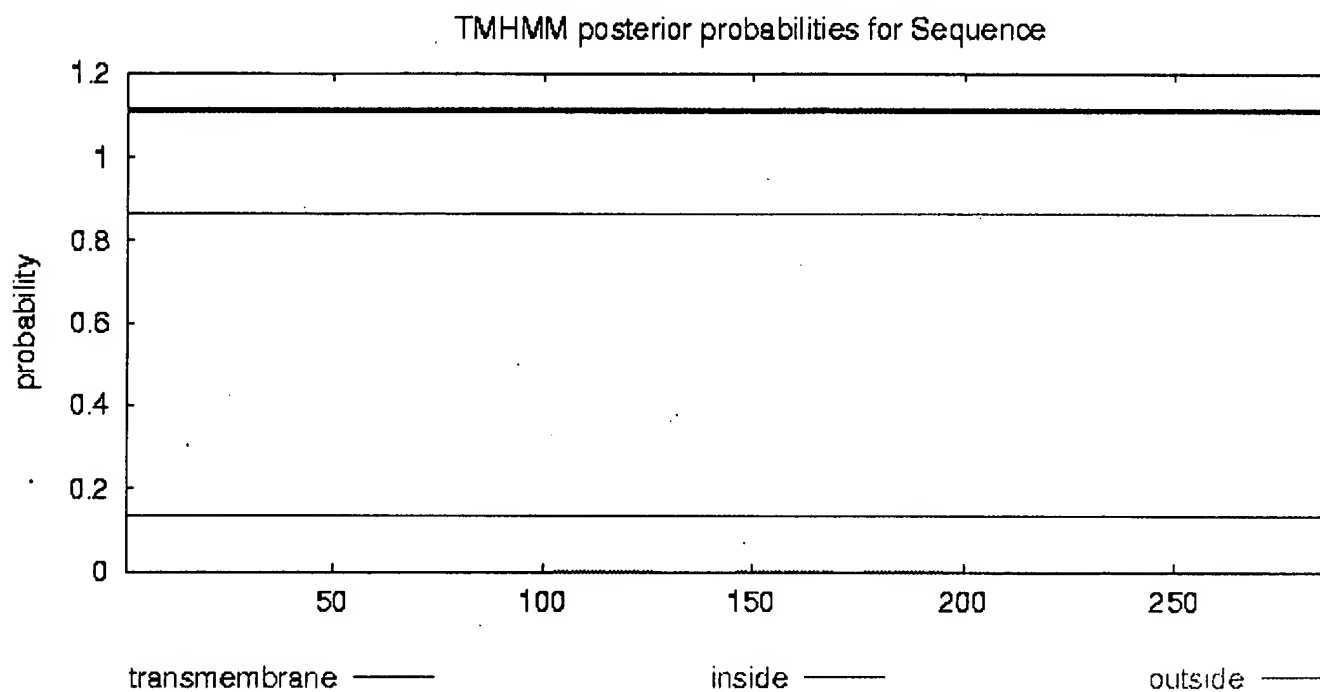


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 3

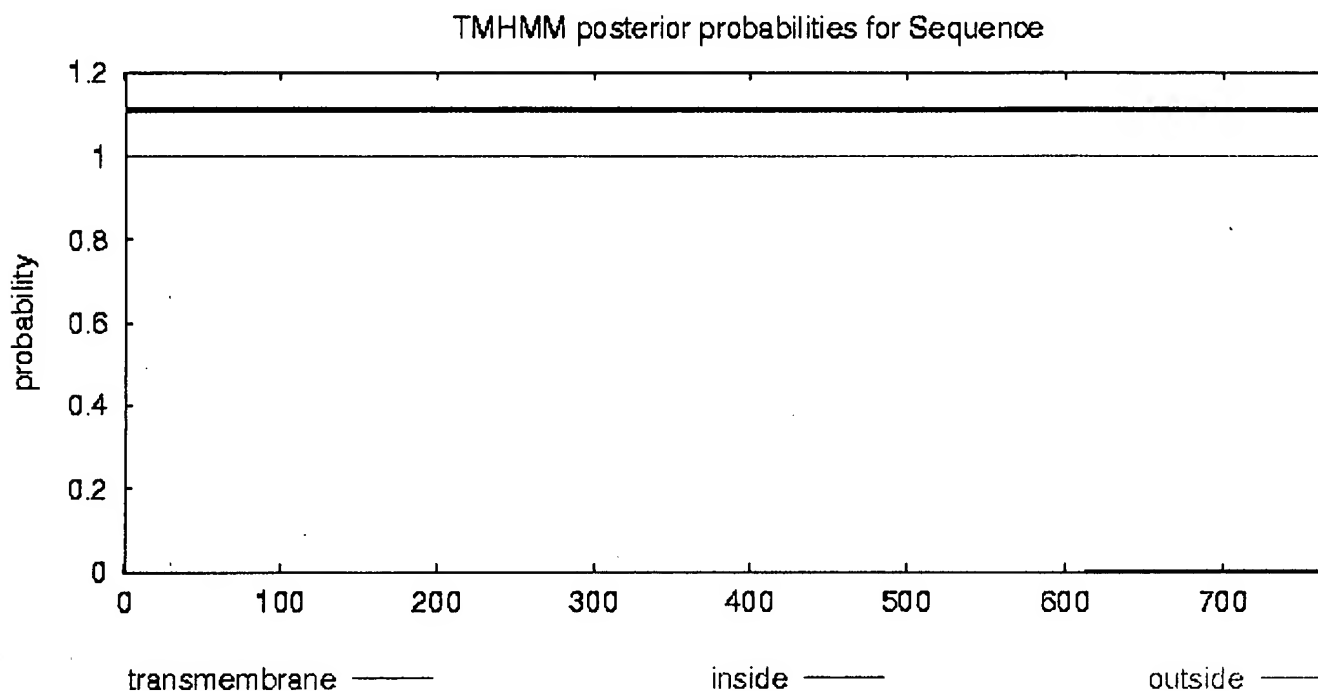
TMHMM result

```
# Sequence Length: 297
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.03228
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.13505
Sequence      TMHMM2.0      outside      1      297
```



plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 4

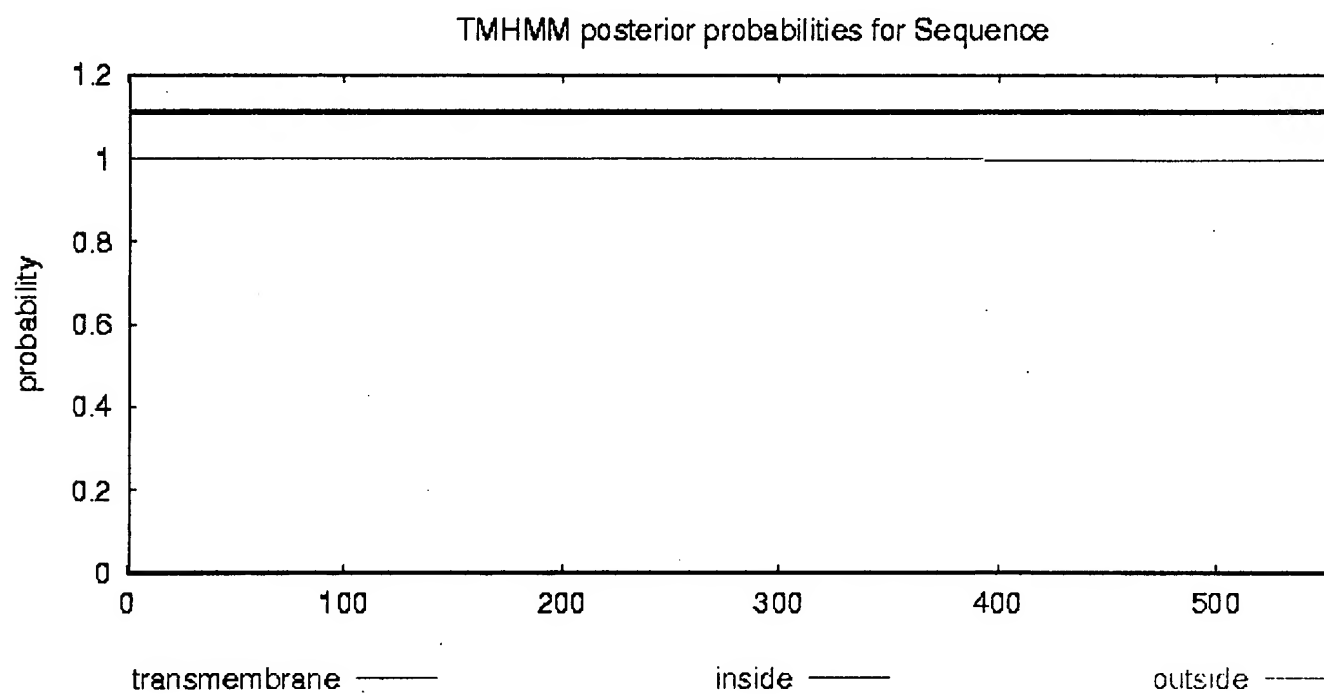
[illegible]

plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 5

TMHMM result

```
# Sequence Length: 574
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.07423
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00057
Sequence      TMHMM2.0      outside      1      574
```

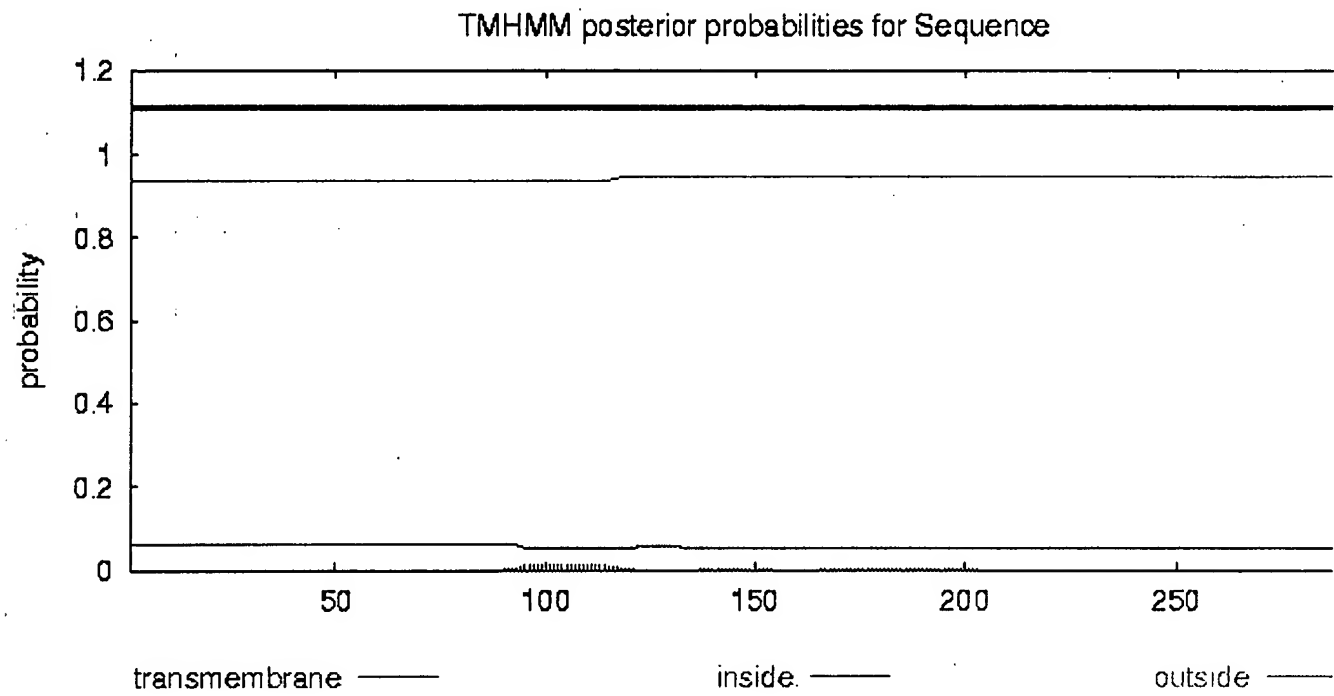


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 6

TMHMM result

Sequence Length: 298
Sequence Number of predicted TMHs: 0
Sequence Exp number of AAs in TMHs: 0.35769
Sequence Exp number, first 60 AAs: 0
Sequence Total prob of N-in: 0.06183
Sequence TMHMM2.0 outside 1 298

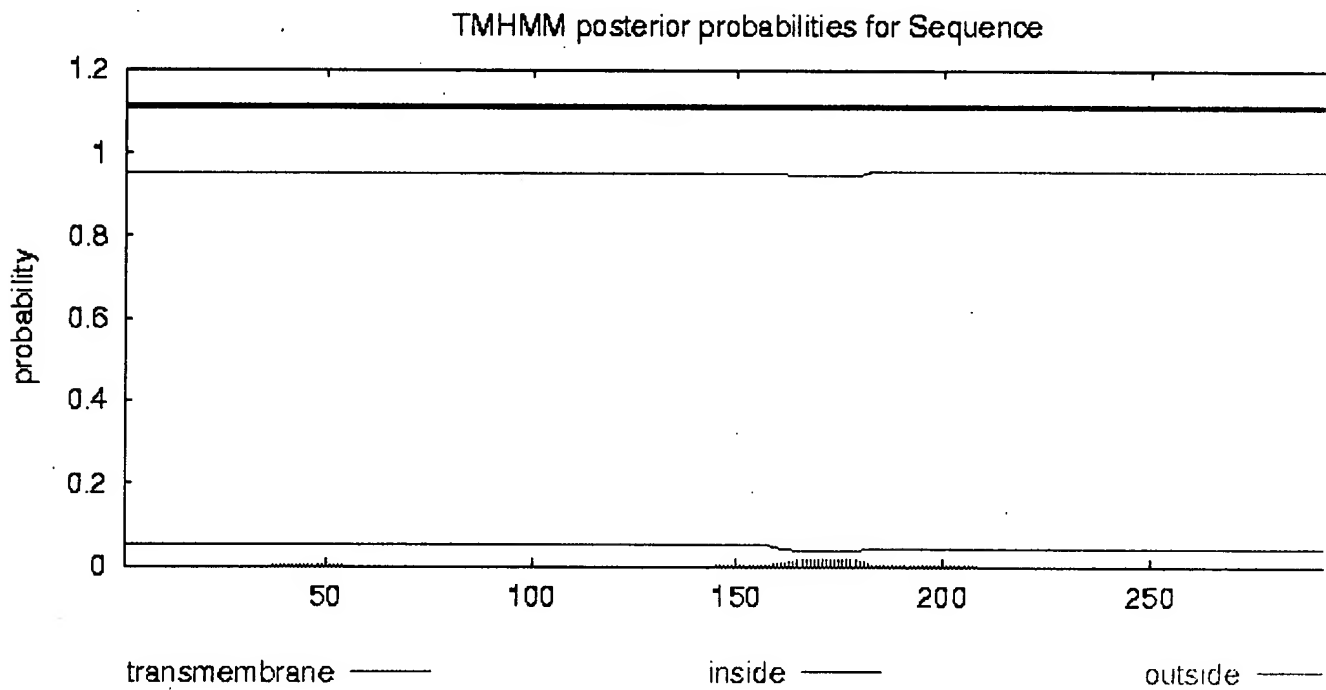


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 7

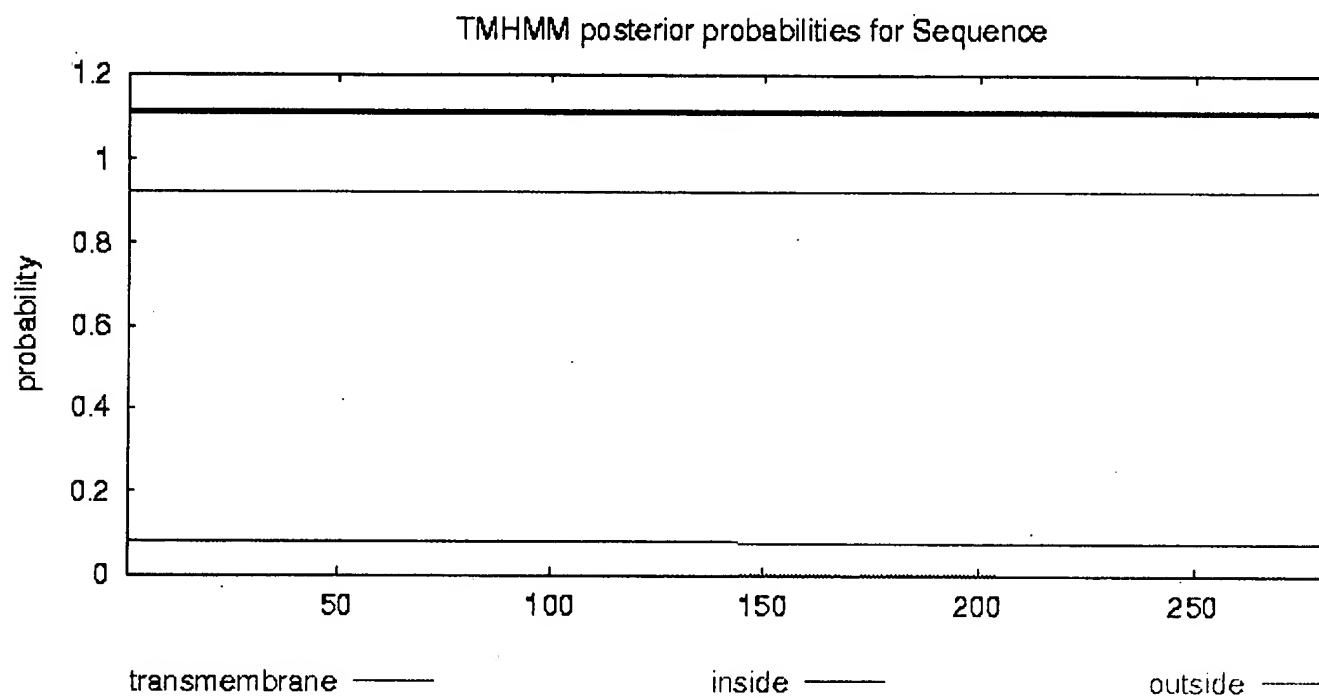
TMHMM result

```
# Sequence Length: 303
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.37755
# Sequence Exp number, first 60 AAs: 0.00576
# Sequence Total prob of N-in: 0.04943
Sequence      TMHMM2.0      outside      1      303
```



plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 8

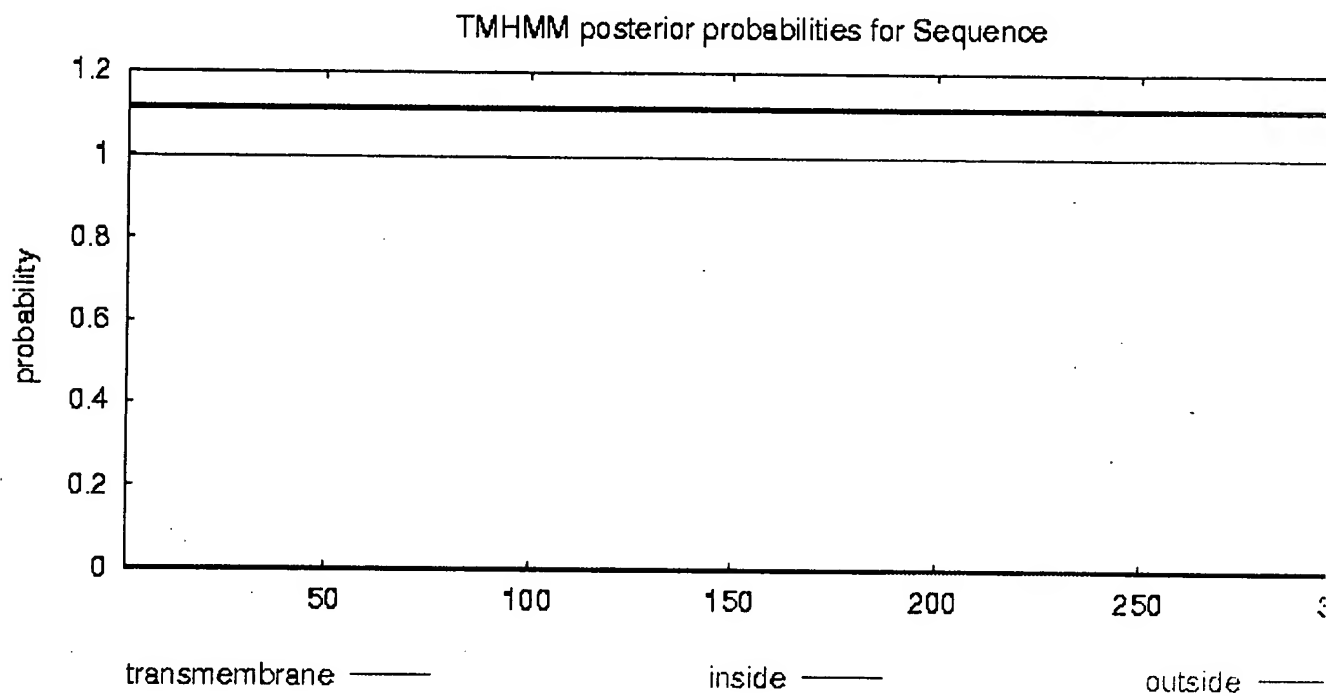
[illegible]

plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 9

TMHMM result

```
# Sequence Length: 307
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.01188
# Sequence Exp number, first 60 AAs: 0.00108
# Sequence Total prob of N-in: 0.00408
Sequence      TMHMM2.0      outside      1      307
```

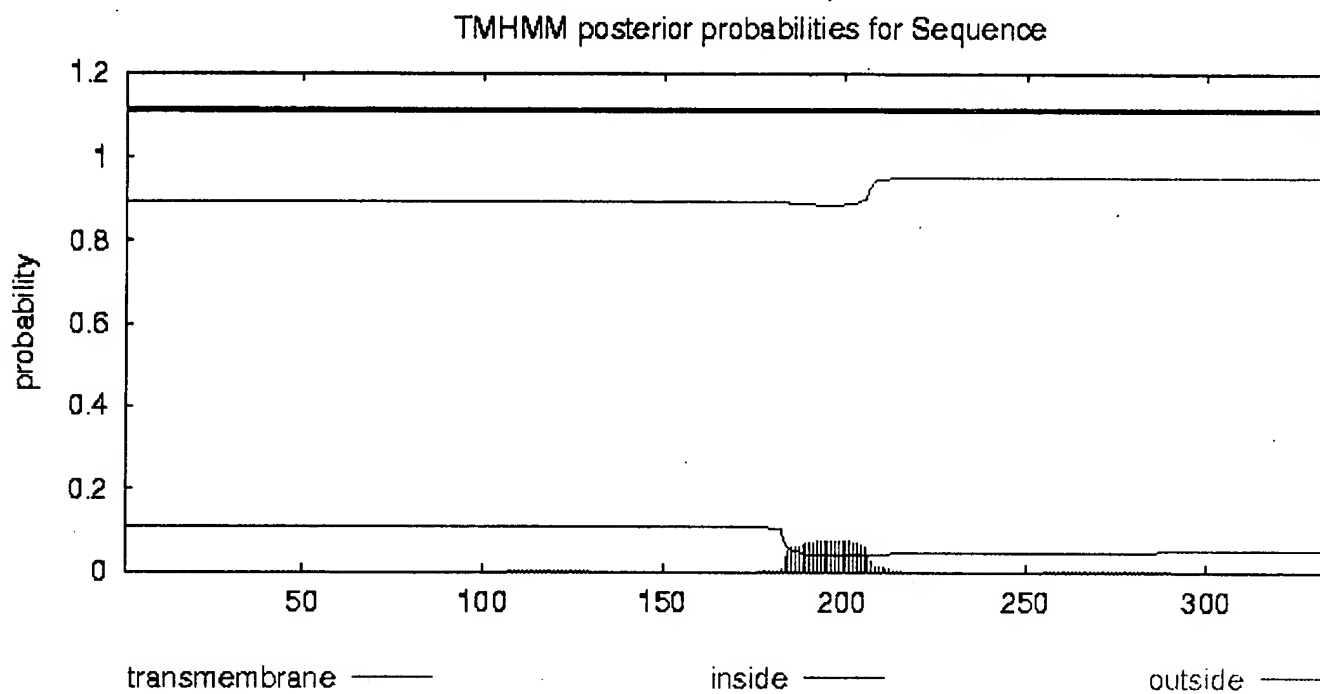


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 10

TMHMM result

```
# Sequence Length: 346
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 1.78207
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.10854
Sequence      TMHMM2.0      outside      1      346
```

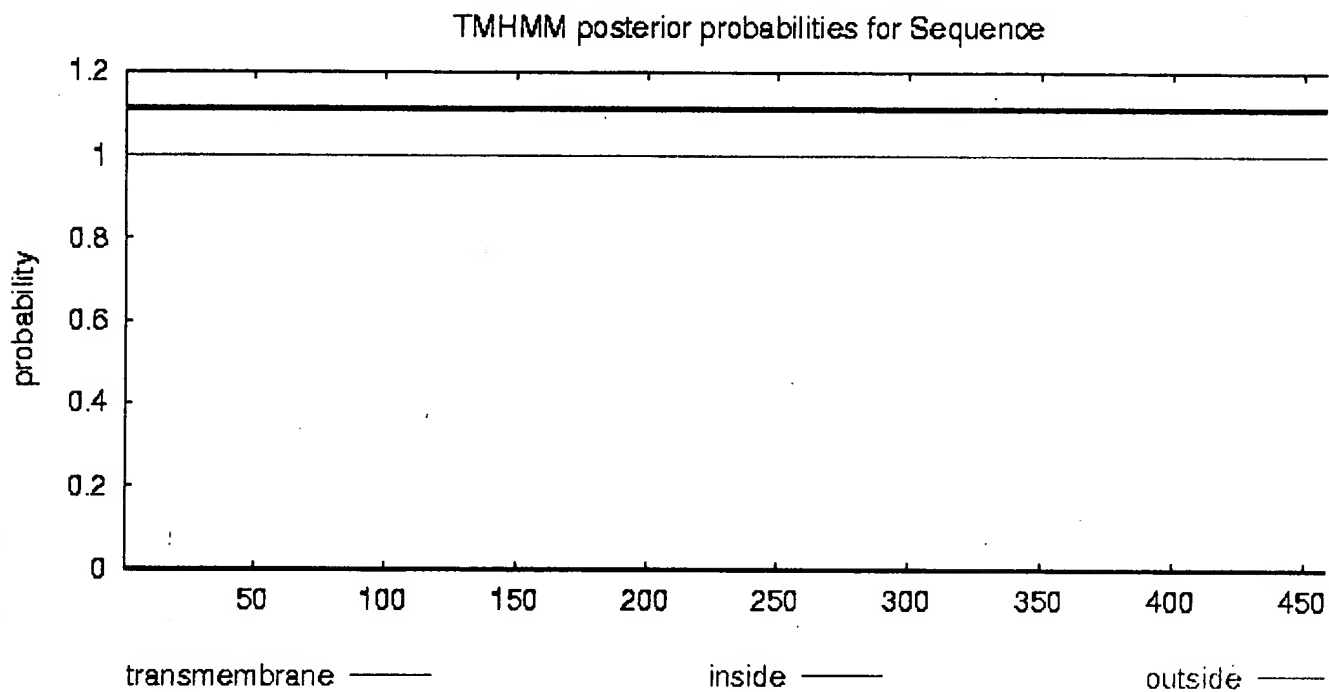


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 11

TMHMM result

```
# Sequence Length: 476
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.01952
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00199
Sequence      TMHMM2.0      outside      1      476
```

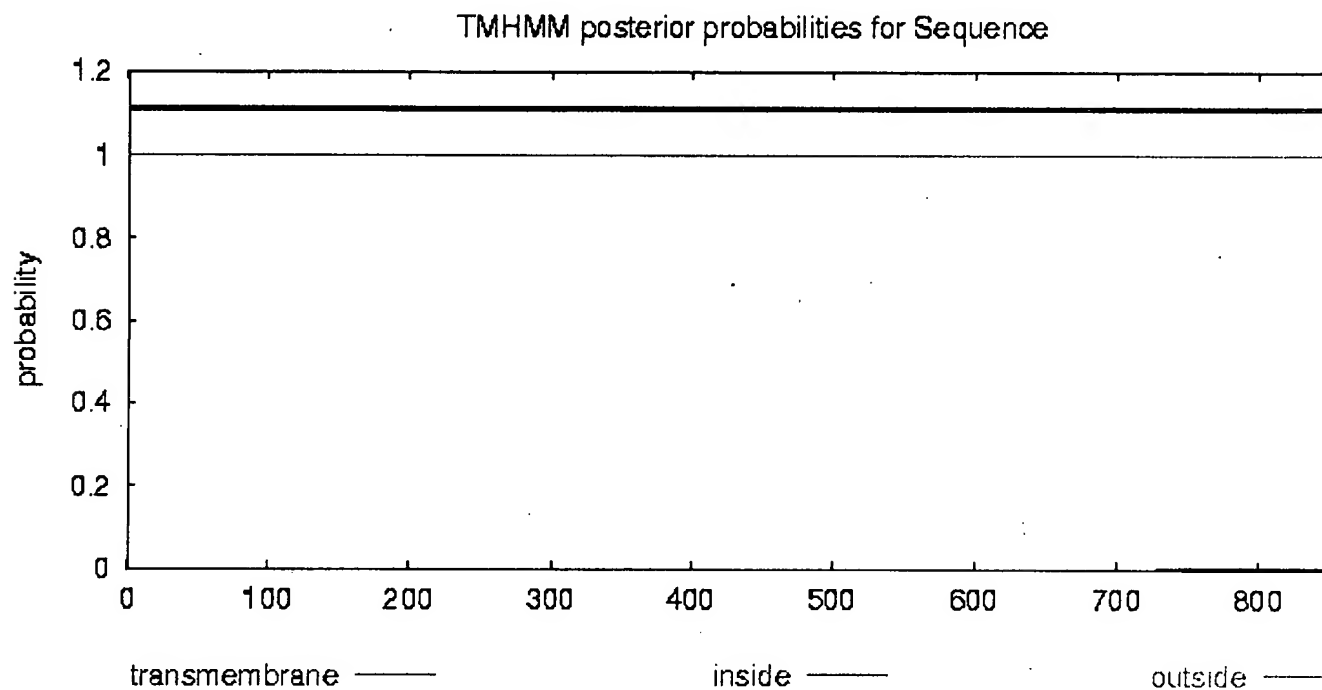


[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

FIG. 12

TMHMM result

```
# Sequence Length: 883
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.00884
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00009
Sequence      TMHMM2.0      outside      1      883
```

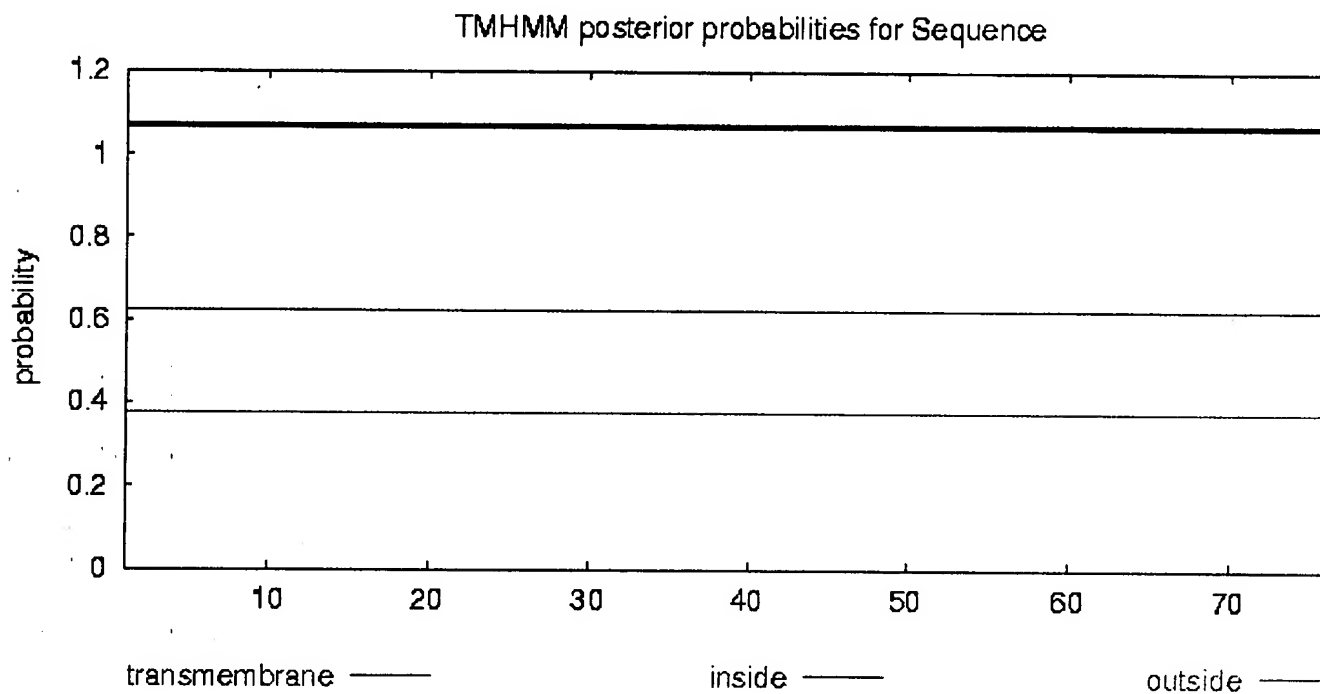


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 13

TMHMM result

```
# Sequence Length: 79
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.00144
# Sequence Exp number, first 60 AAs: 0.00086
# Sequence Total prob of N-in: 0.62408
Sequence      TMHMM2.0      inside      1      79
```

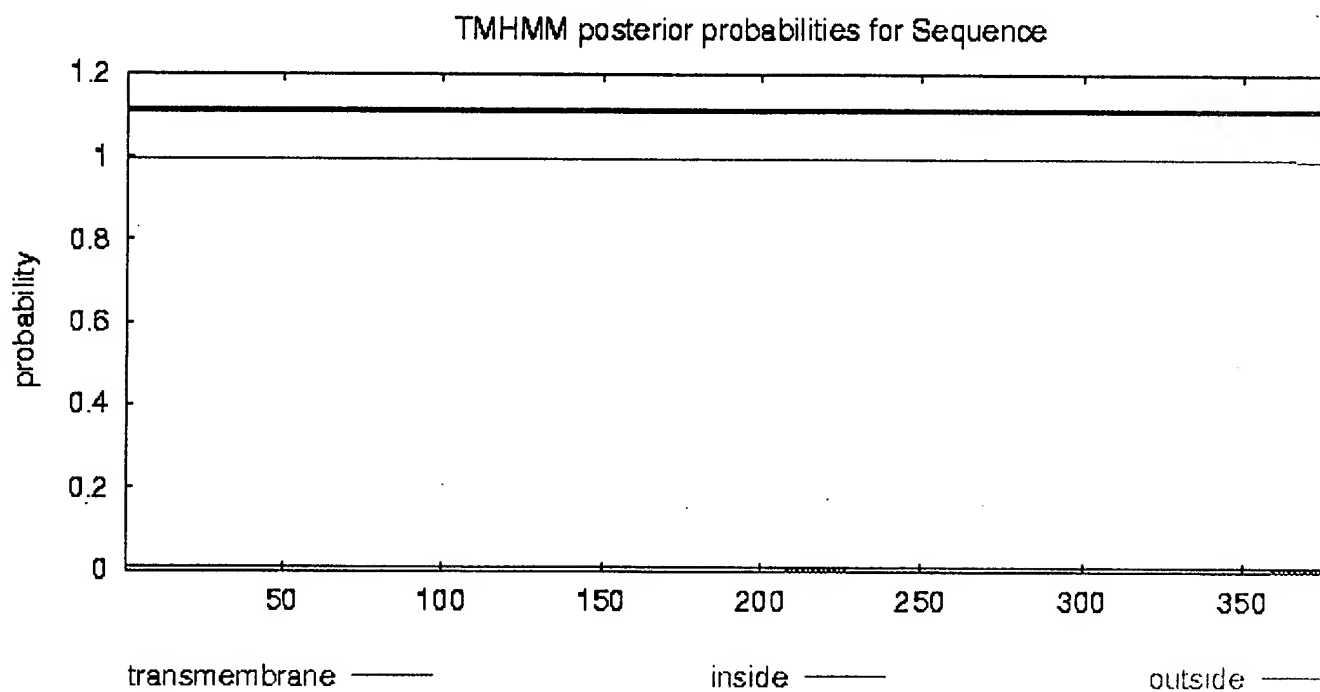


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 14

TMHMM result

```
# Sequence Length: 391
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.04215
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00646
Sequence      TMHMM2.0      outside      1      391
```

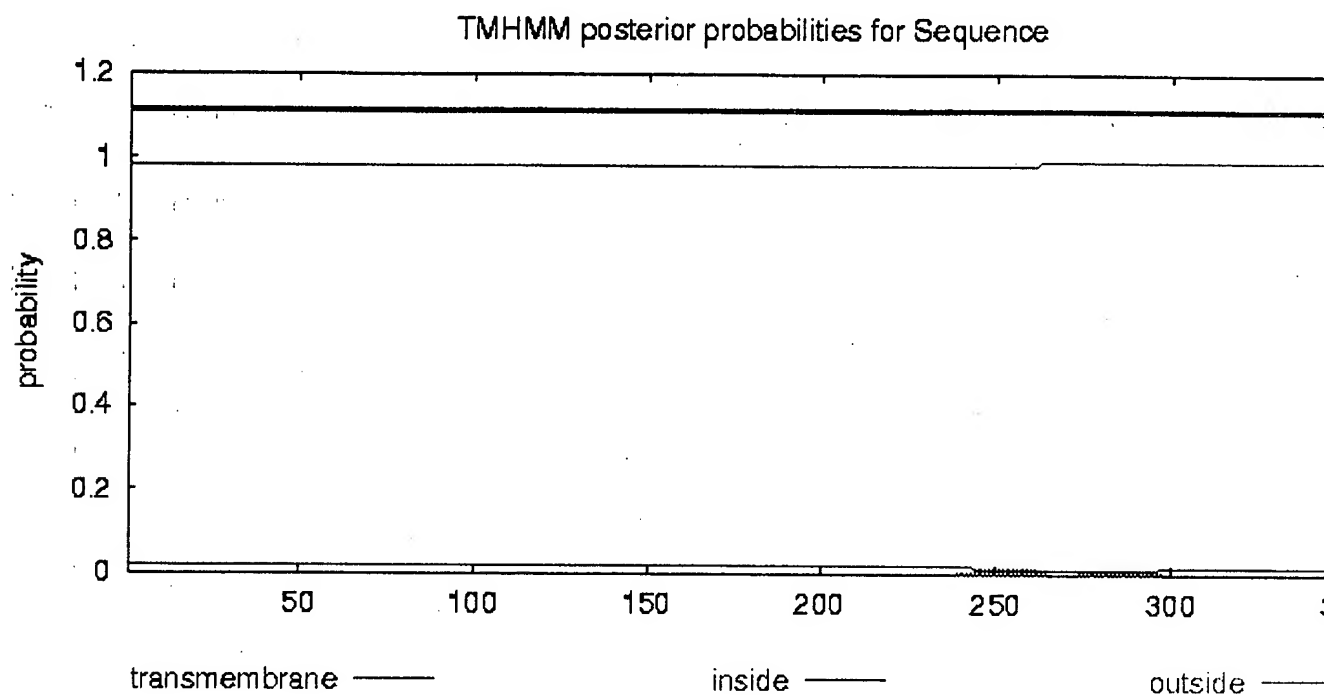


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 15

TMHMM result

```
# Sequence Length: 358
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.25958
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.01875
Sequence      TMHMM2.0      outside      1      358
```

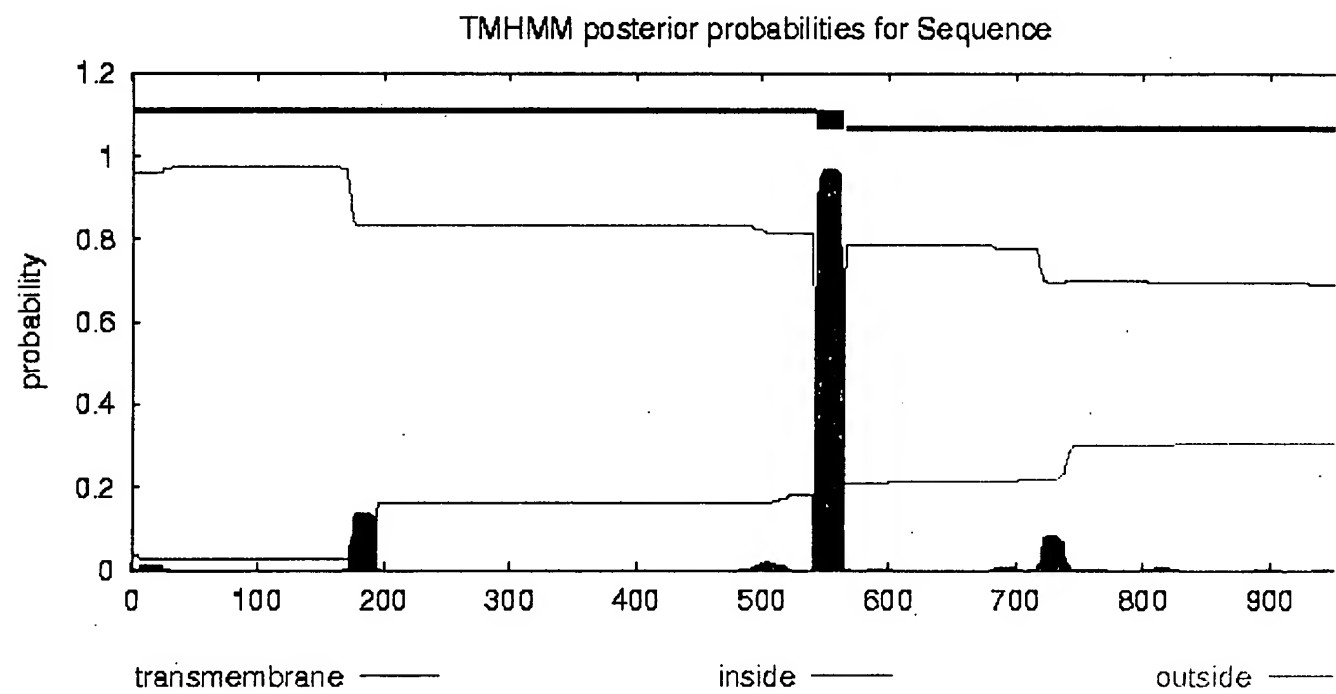


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 16

TMHMM result

Sequence Length: 987
Sequence Number of predicted TMHs: 1
Sequence Exp number of AAs in TMHs: 27.57567
Sequence Exp number, first 60 AAs: 0.24935
Sequence Total prob of N-in: 0.03880
Sequence TMHMM2.0 outside 1 542
Sequence TMHMM2.0 TMhelix 543 565
Sequence TMHMM2.0 inside 566 987

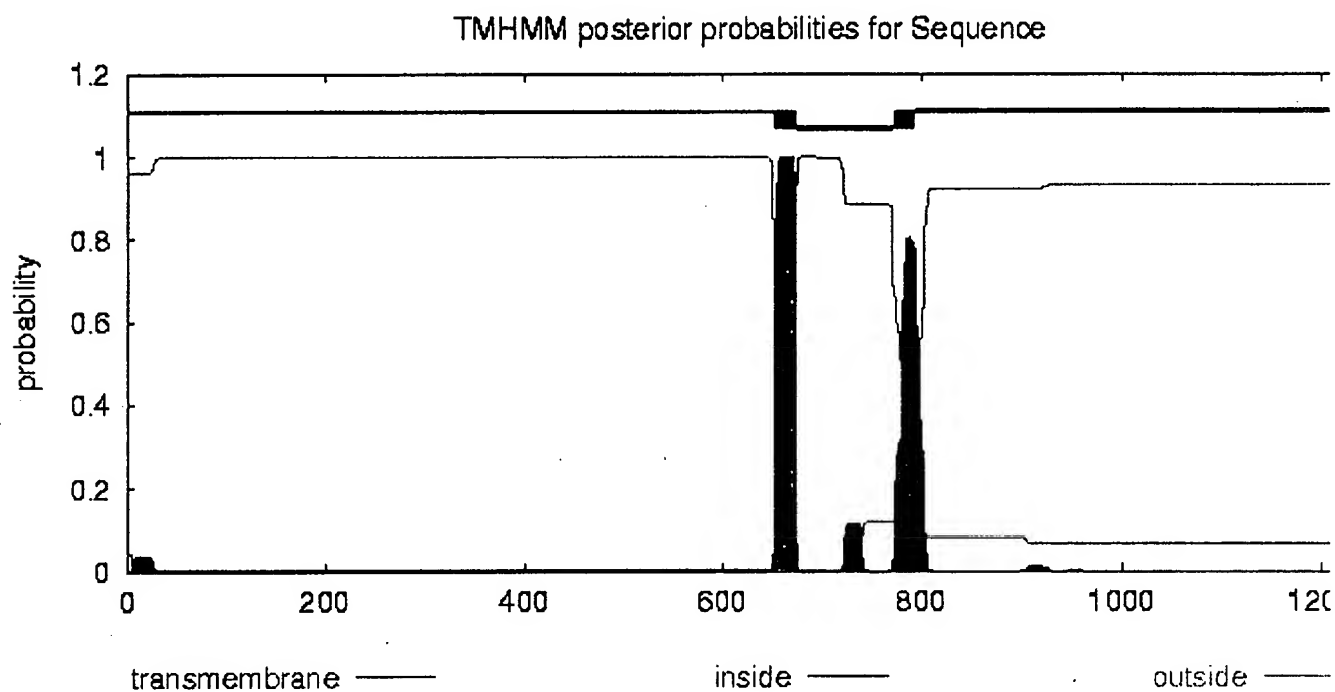


[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

FIG. 17

TMHMM result

```
# Sequence Length: 1255
# Sequence Number of predicted TMHs: 2
# Sequence Exp number of AAs in TMHs: 43.43411
# Sequence Exp number, first 60 AAs: 0.81618
# Sequence Total prob of N-in: 0.03937
Sequence      TMHMM2.0      outside      1      652
Sequence      TMHMM2.0      TMhelix      653      675
Sequence      TMHMM2.0      inside      676      771
Sequence      TMHMM2.0      TMhelix      772      794
Sequence      TMHMM2.0      outside      795      1255
```

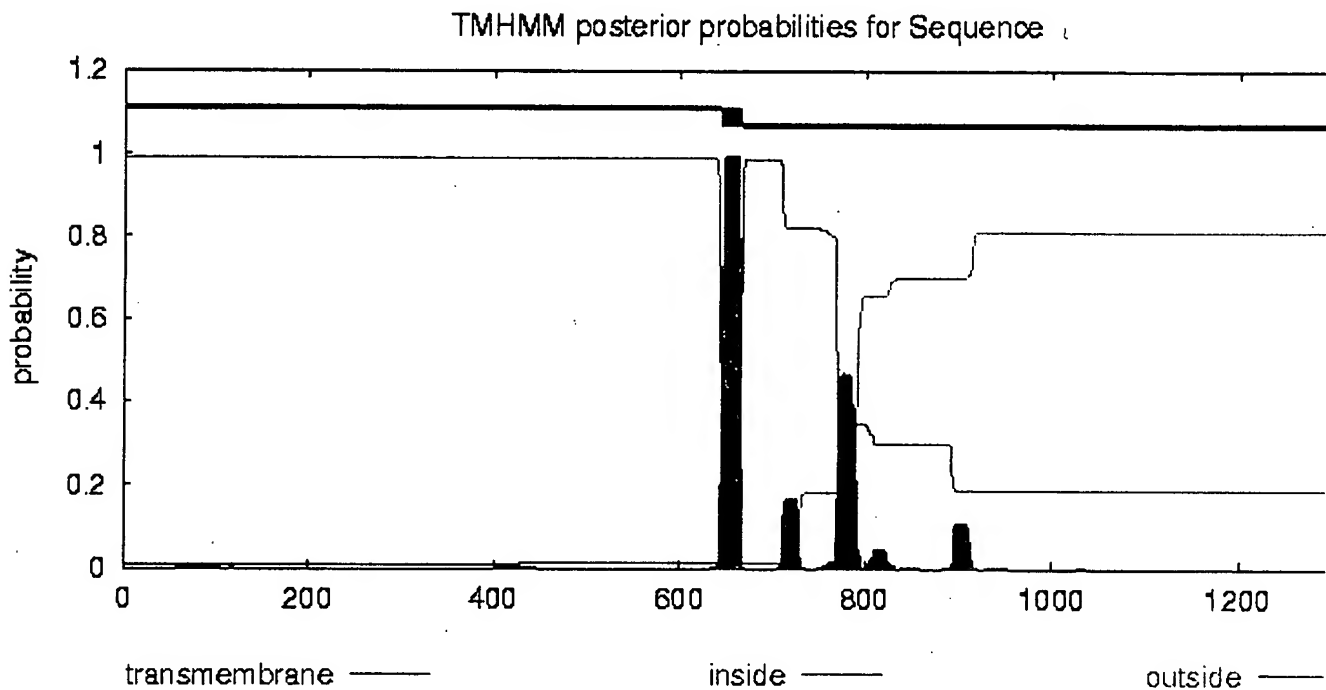


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 18

TMHMM result

```
# Sequence Length: 1342
# Sequence Number of predicted TMHs: 1
# Sequence Exp number of AAs in TMHs: 39.42148
# Sequence Exp number, first 60 AAs: 0.003
# Sequence Total prob of N-in: 0.00926
Sequence      TMHMM2.0      outside      1      643
Sequence      TMHMM2.0      TMhelix      644      666
Sequence      TMHMM2.0      inside      667      1342
```

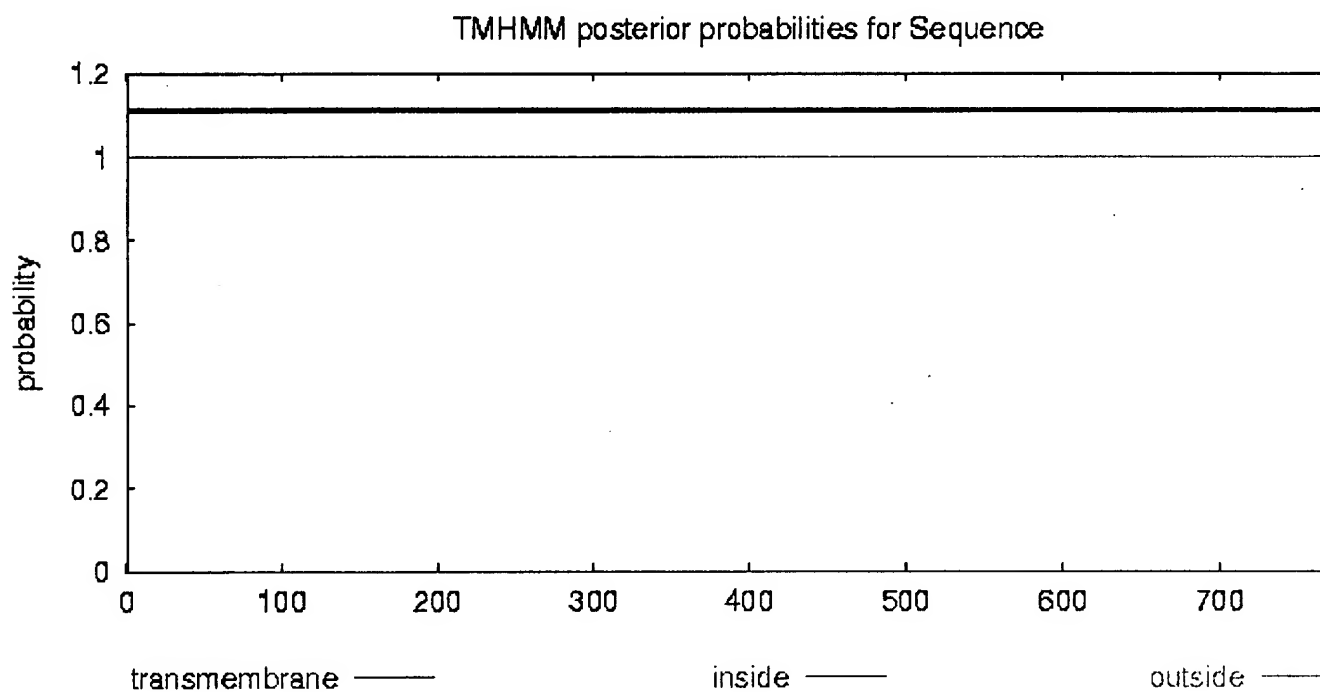


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 19

TMHMM result

```
# Sequence Length: 798
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.00254
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00002
Sequence      TMHMM2.0      outside      1      798
```

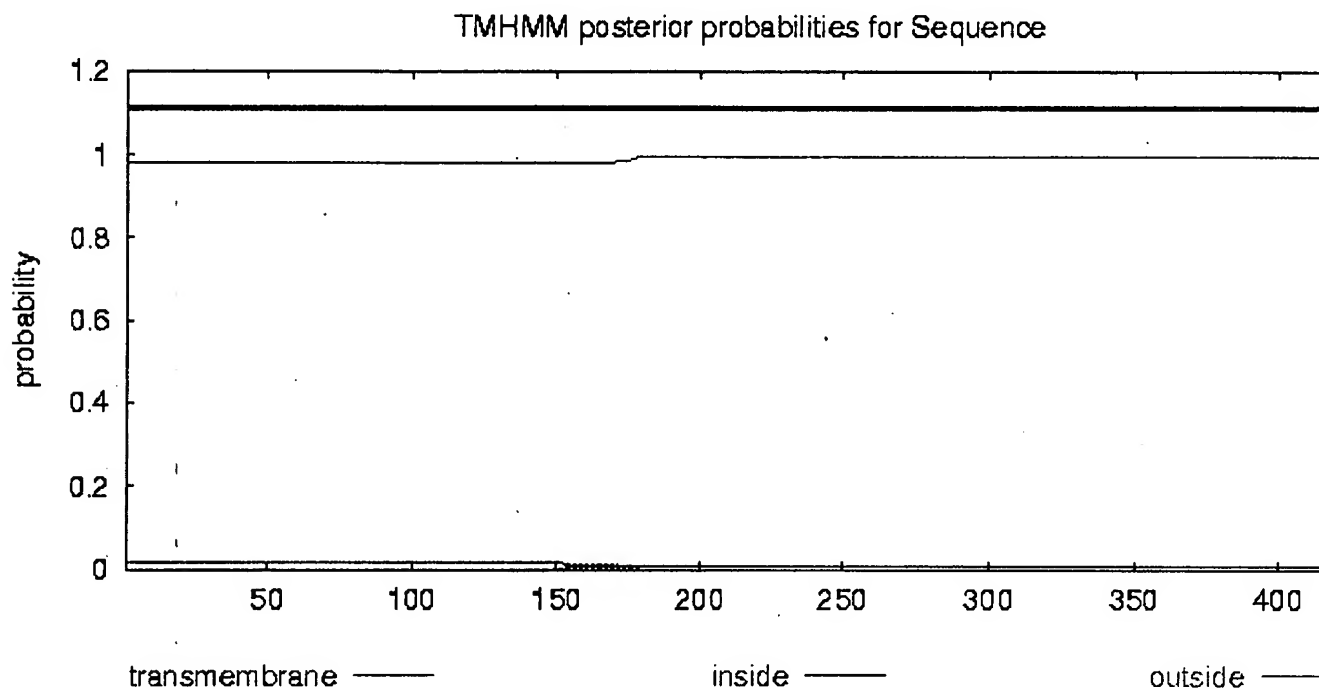


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 20

TMHMM result

```
# Sequence Length: 433
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.2403
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.01691
Sequence      TMHMM2.0      outside      1      433
```

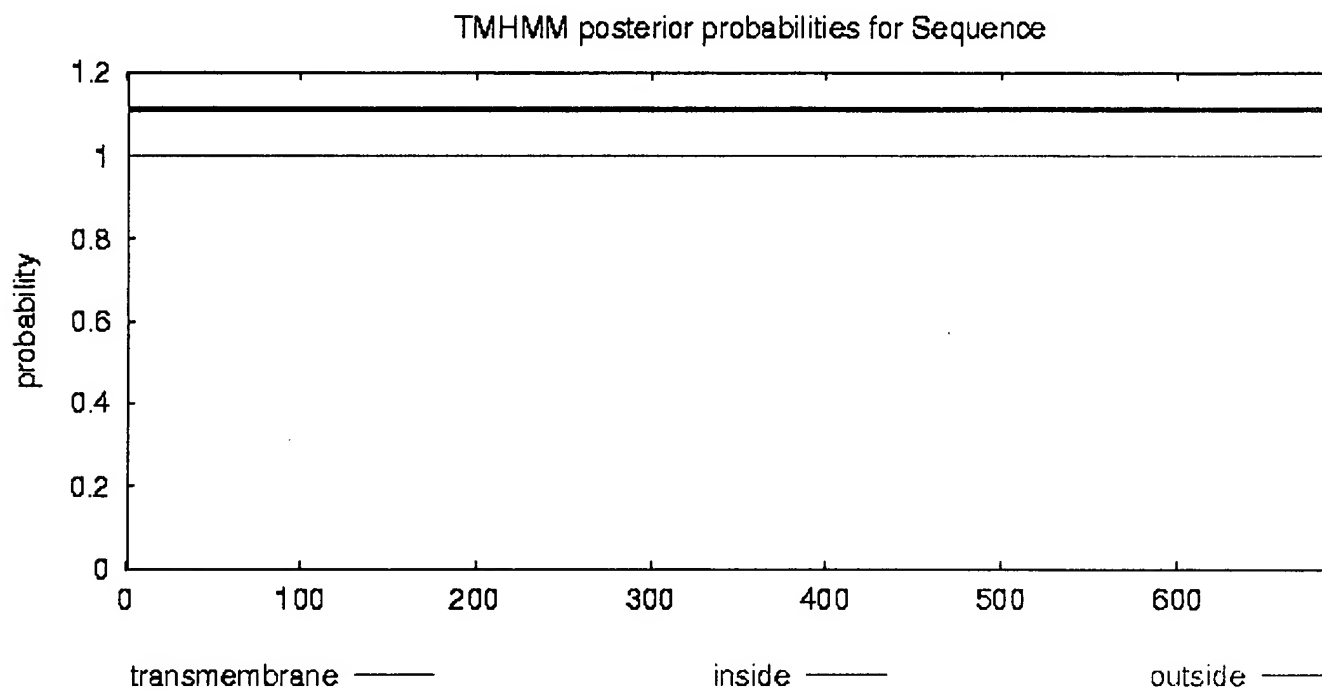


[plot](#) in postscript, [script](#) for making the plot in gnuplot, [data](#) for plot

FIG. 21

TMHMM result

```
# Sequence Length: 712
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.00225
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00005
Sequence      TMHMM2.0      outside      1      712
```

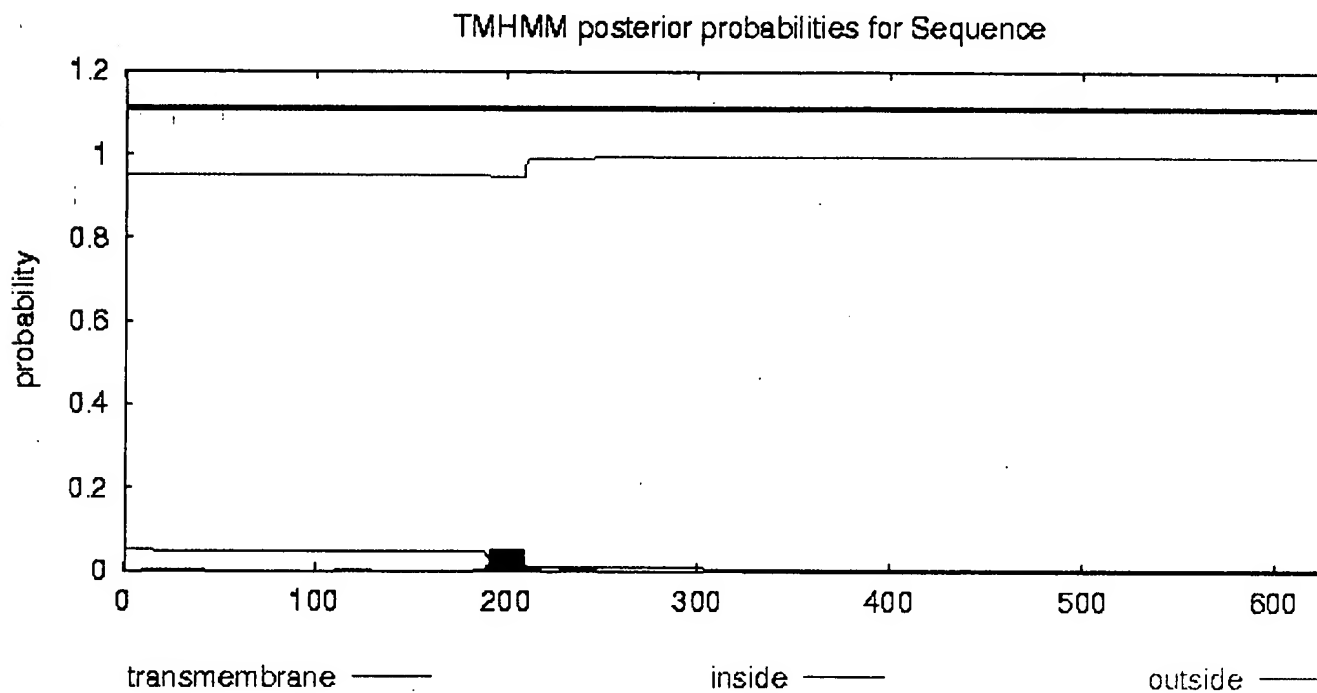


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 22

TMHMM result

```
# Sequence Length: 651
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 1.14076
# Sequence Exp number, first 60 AAs: 0.05393
# Sequence Total prob of N-in: 0.04895
Sequence      TMHMM2.0      outside      1      651
```

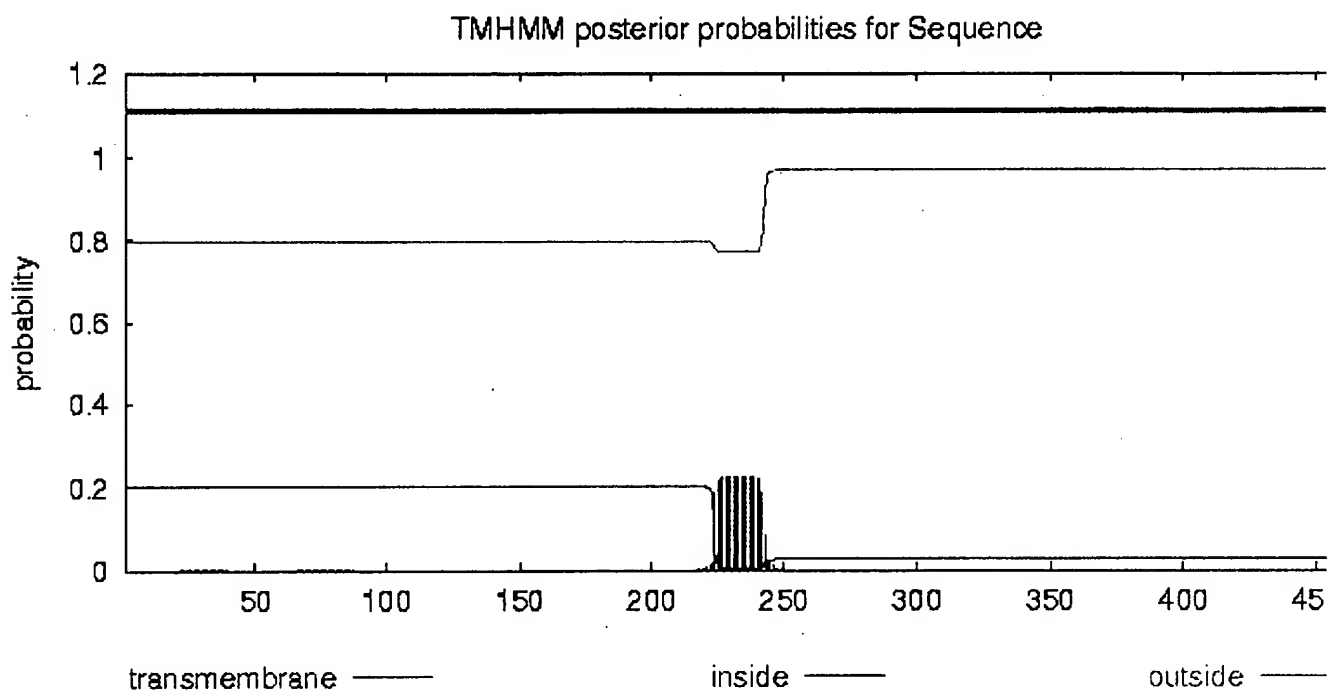


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 23

TMHMM result

```
# Sequence Length: 471
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 4.34322
# Sequence Exp number, first 60 AAs: 0.00351
# Sequence Total prob of N-in: 0.20302
Sequence      TMHMM2.0      outside      1      471
```

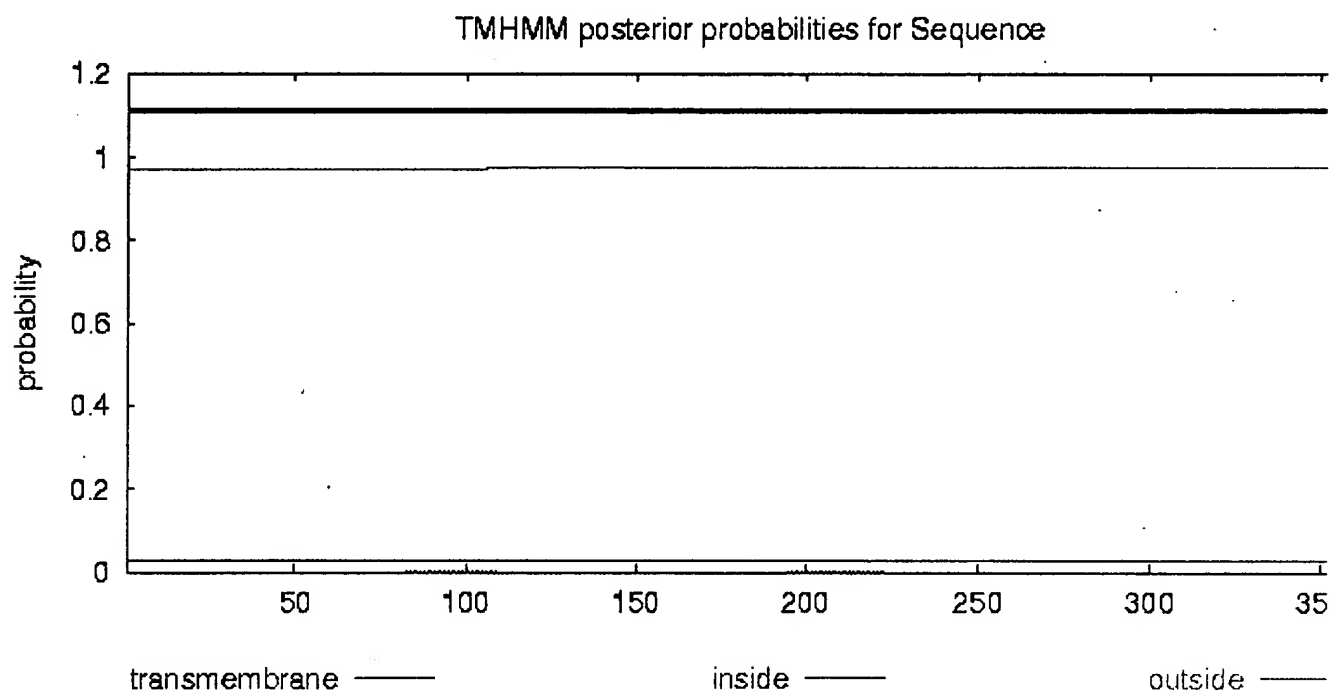


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 24

TMHMM result

```
# Sequence Length: 365
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.05231
# Sequence Exp number, first 60 AAs: 0.00232
# Sequence Total prob of N-in: 0.02720
Sequence      TMHMM2.0      outside      1      365
```

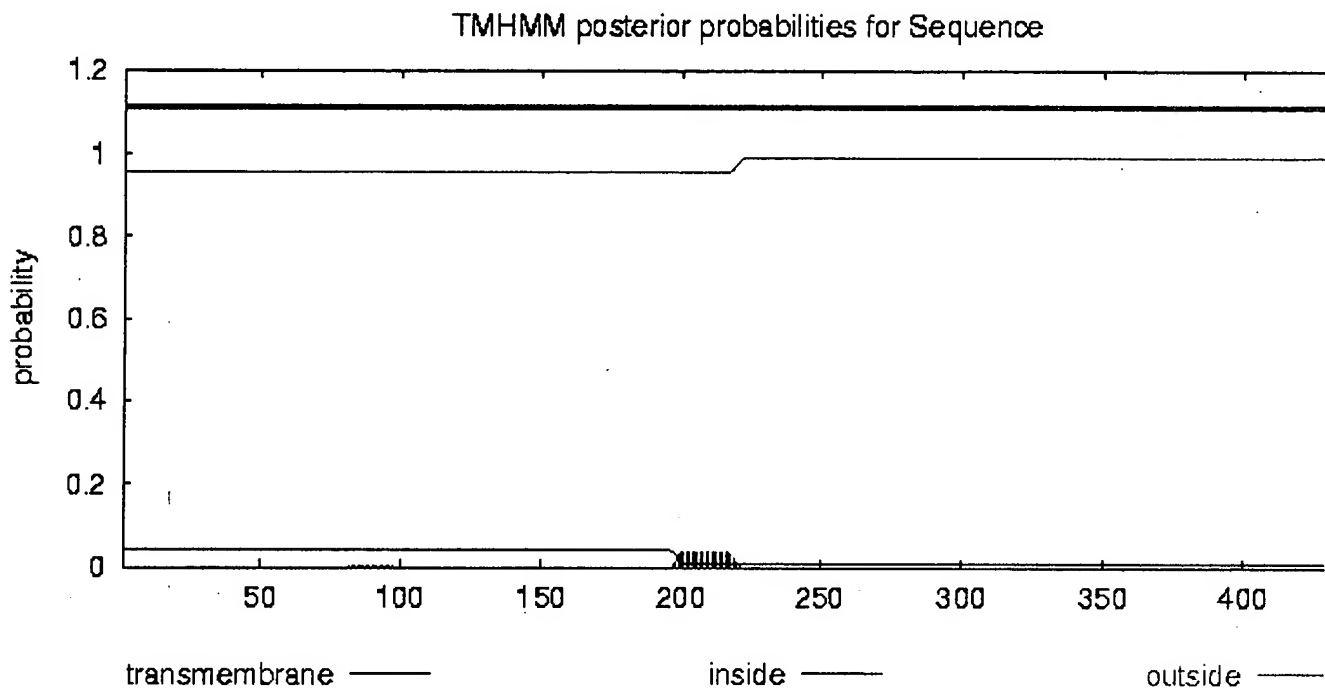


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 25

TMHMM result

```
# Sequence Length: 445
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.77834
# Sequence Exp number, first 60 AAs: 0.00073
# Sequence Total prob of N-in: 0.04163
Sequence      TMHMM2.0      outside      1      445
```

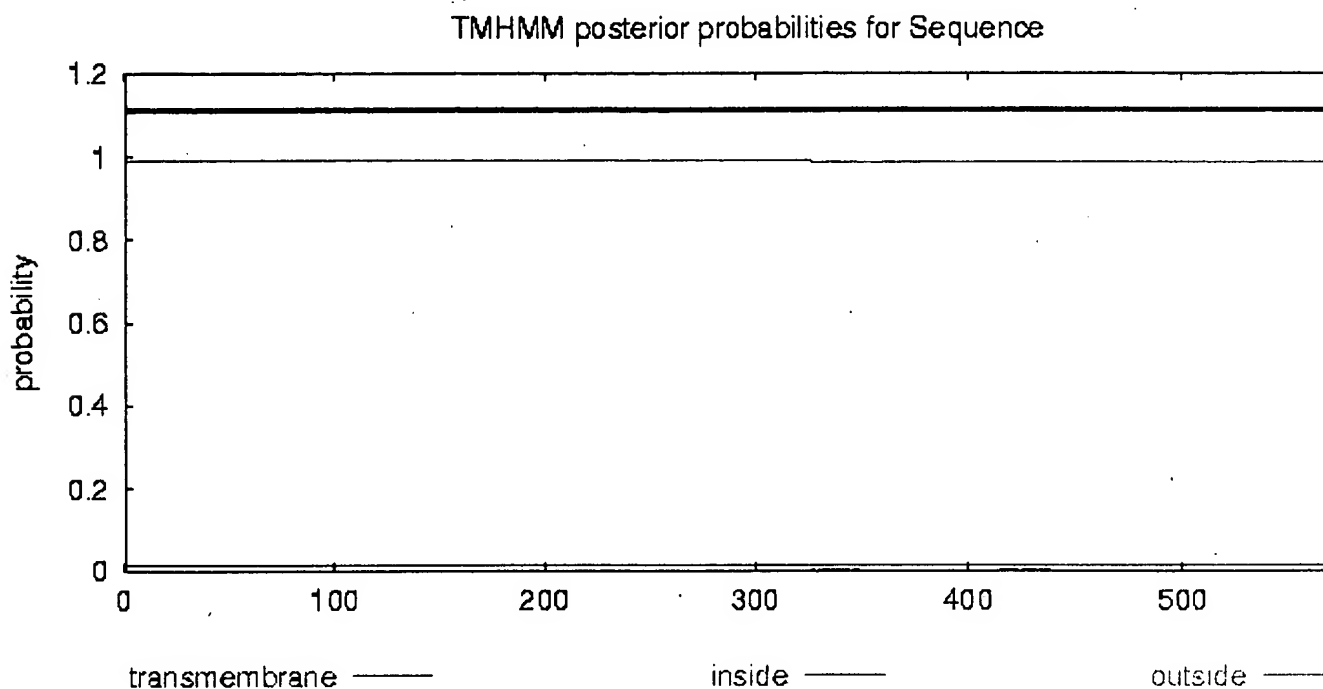


```
# plot in postscript, script for making the plot in gnuplot, data for plot
```

FIG. 26

TMHMM result

```
# Sequence Length: 591
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.13779
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.01130
Sequence      TMHMM2.0      outside      1      591
```

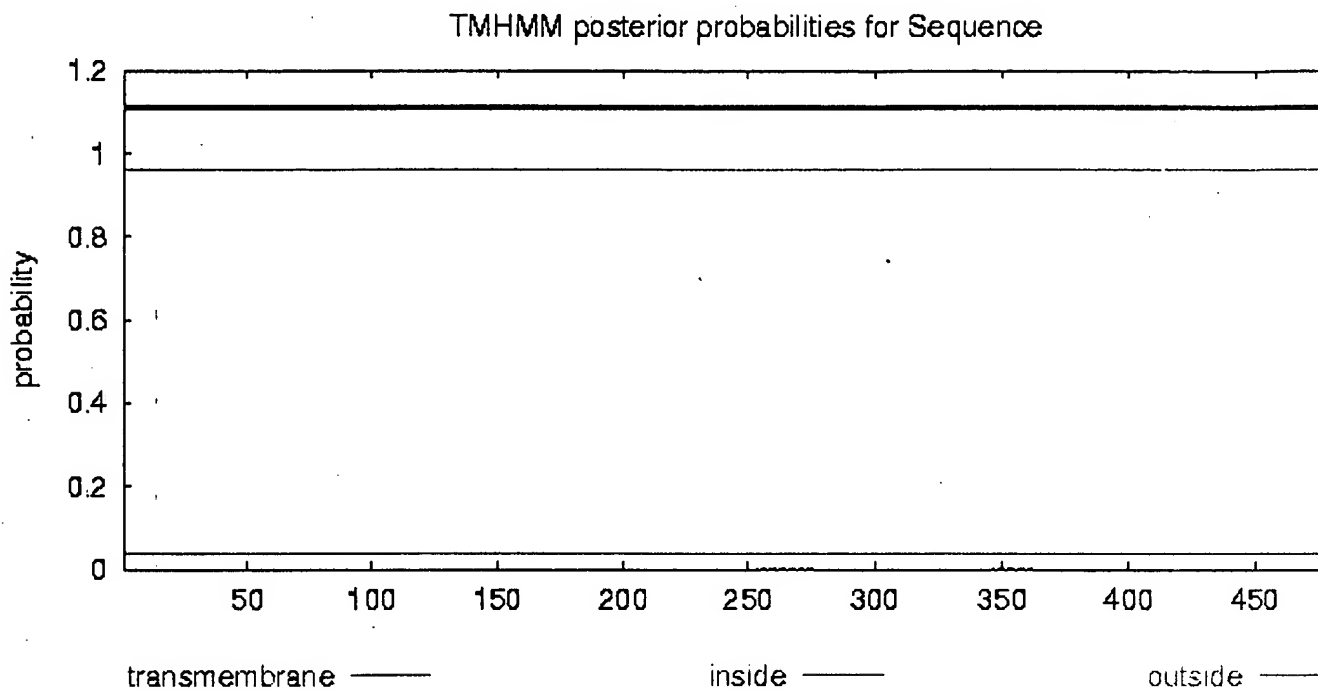


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 27

TMHMM result

```
# Sequence Length: 496
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.01706
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.03793
Sequence      TMHMM2.0      outside      1      496
```

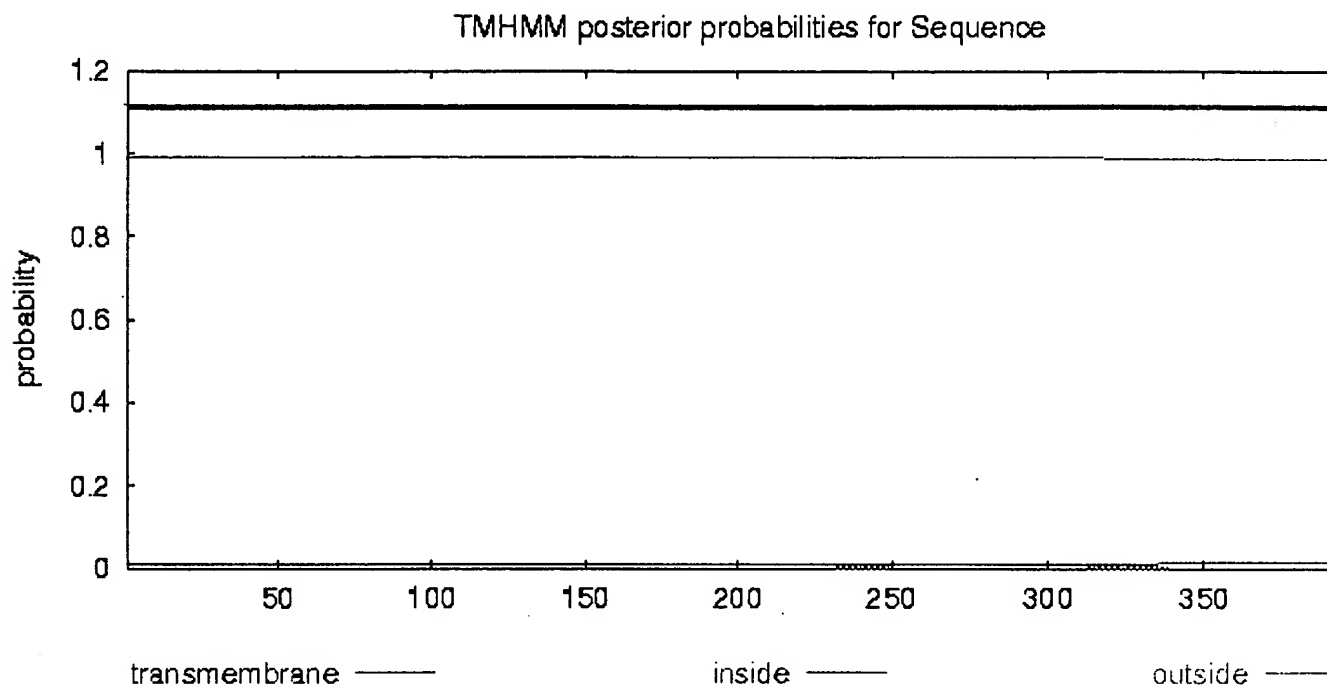


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 28

TMHMM result

```
# Sequence Length: 406
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.08474
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00877
Sequence      TMHMM2.0      outside      1      406
```

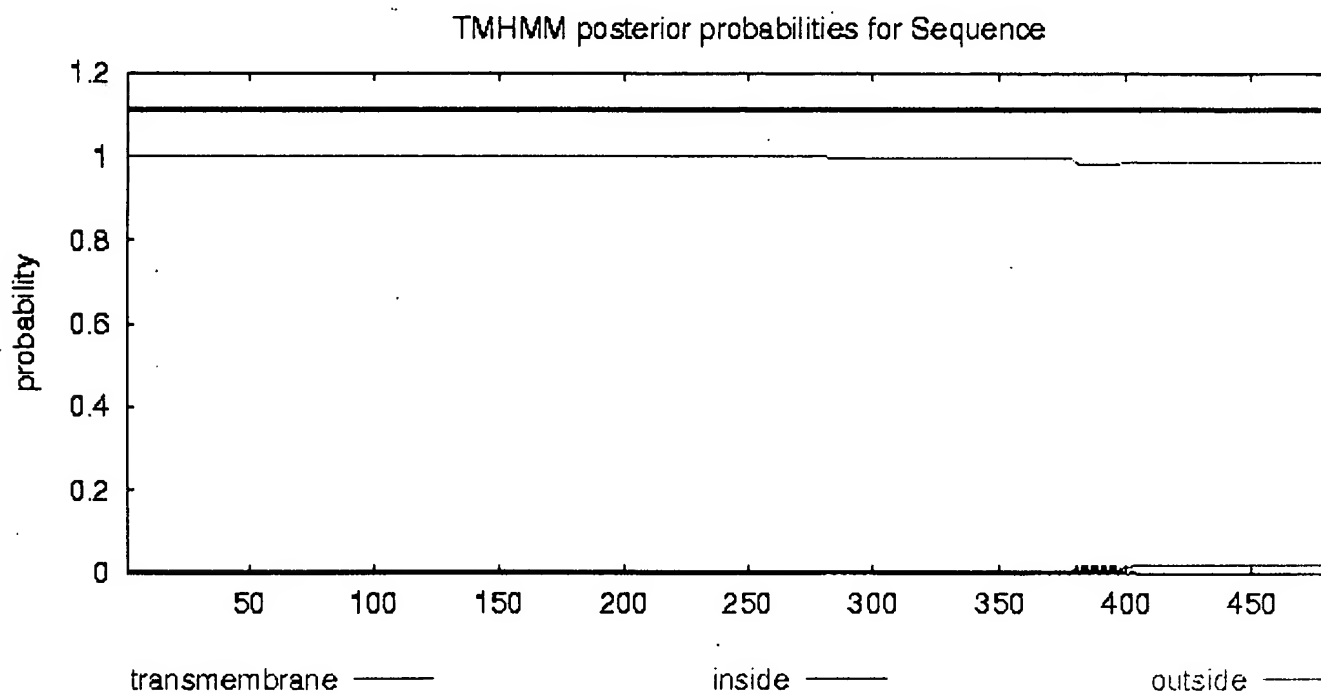


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 29

TMHMM result

```
# Sequence Length: 499
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.33541
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00211
Sequence      TMHMM2.0      outside      1      499
```

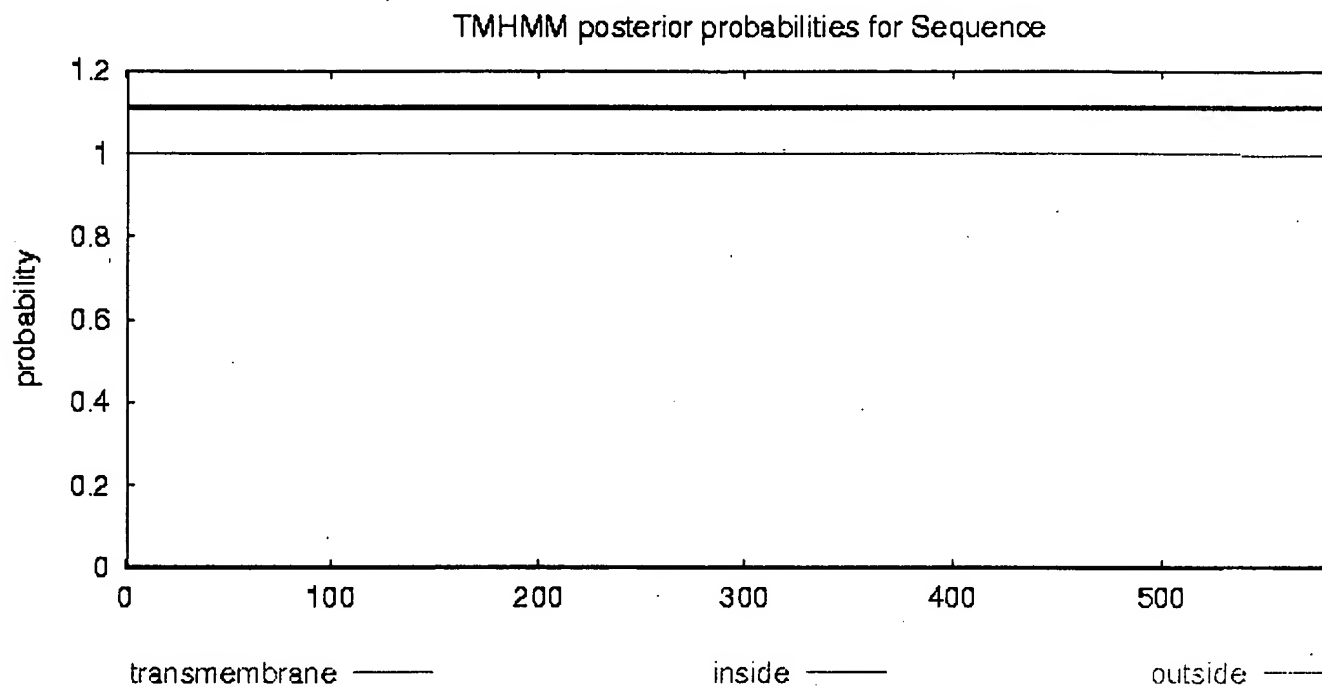


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 30

TMHMM result

Sequence Length: 603
Sequence Number of predicted TMHs: 0
Sequence Exp number of AAs in TMHs: 0.04215
Sequence Exp number, first 60 AAs: 0.00073
Sequence Total prob of N-in: 0.00090
Sequence TMHMM2.0 outside 1 603

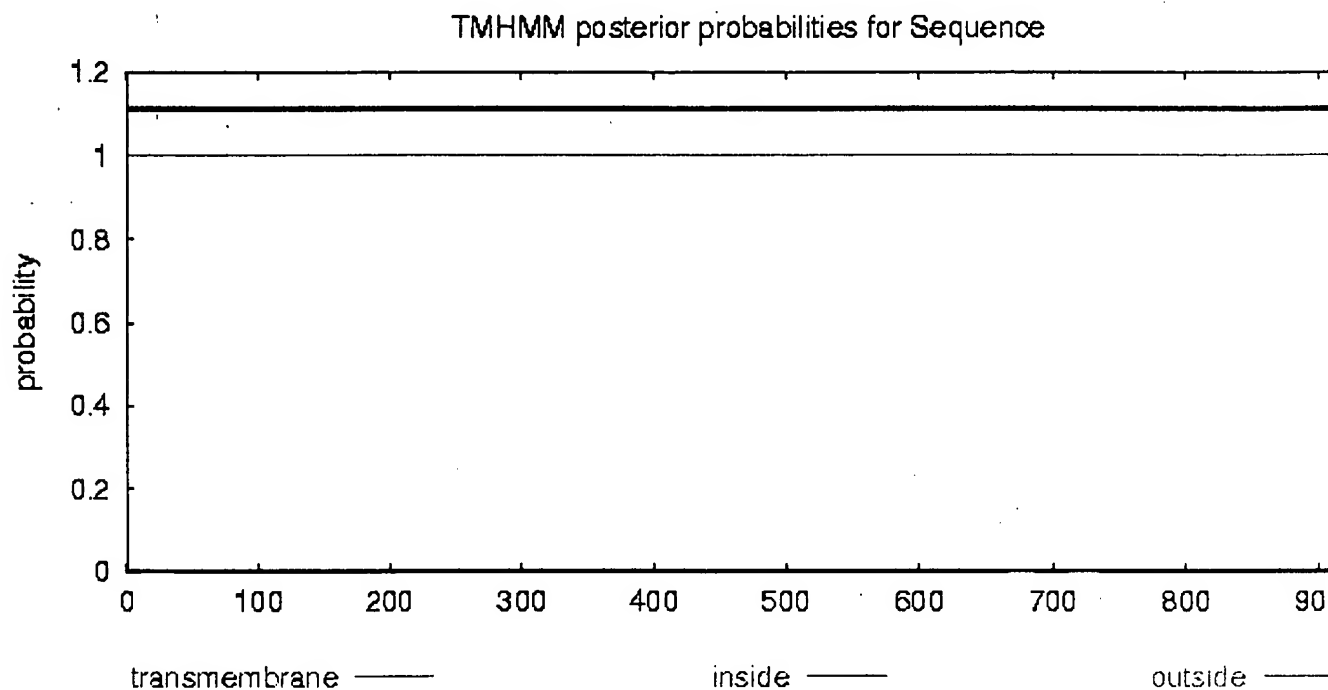


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 31

TMHMM result

```
# Sequence Length: 942
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.02679
# Sequence Exp number, first 60 AAs: 0.01407
# Sequence Total prob of N-in: 0.00069
Sequence      TMHMM2.0      outside      1      942
```

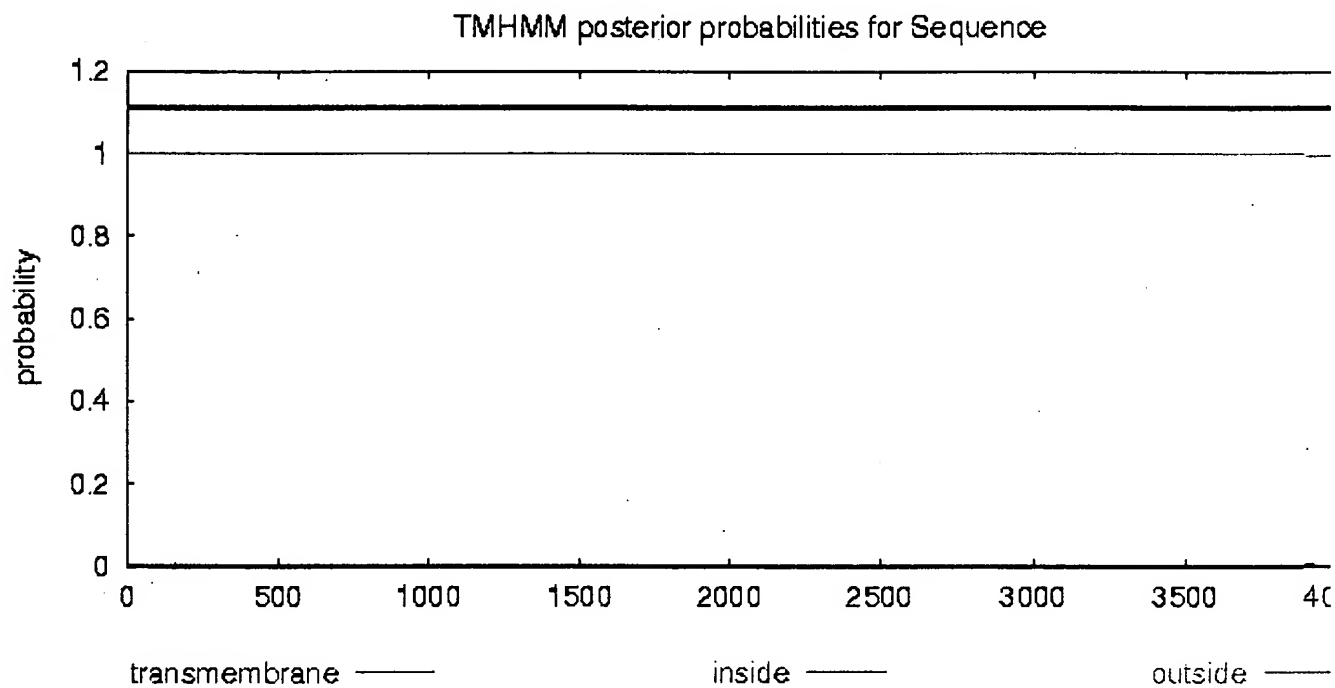


```
# plot in postscript, script for making the plot in gnuplot, data for plot
```

FIG. 32

TMHMM result

```
# Sequence Length: 4128
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.28046
# Sequence Exp number, first 60 AAs: 0.0256
# Sequence Total prob of N-in: 0.00147
Sequence      TMHMM2.0      outside      1  4128
```

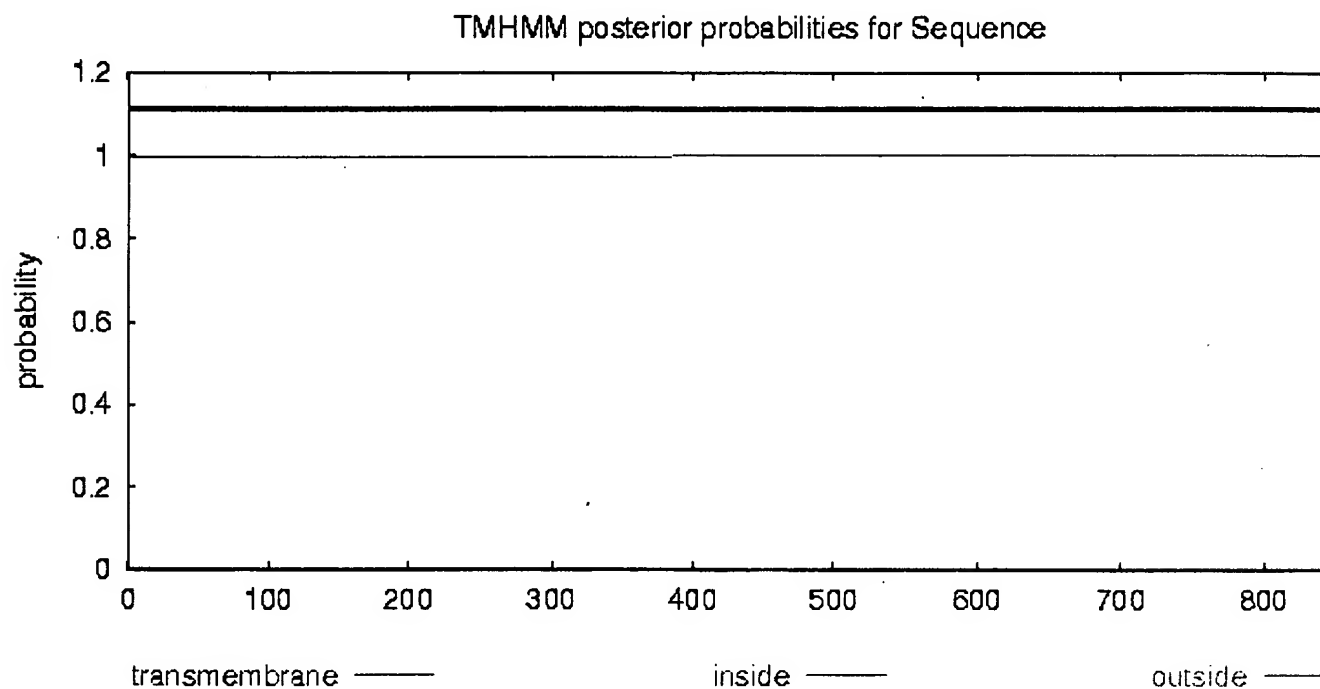


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 33

TMHMM result

```
# Sequence Length: 879
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.12402
# Sequence Exp number, first 60 AAs: 3e-05
# Sequence Total prob of N-in: 0.00371
Sequence      TMHMM2.0      outside      1      879
```

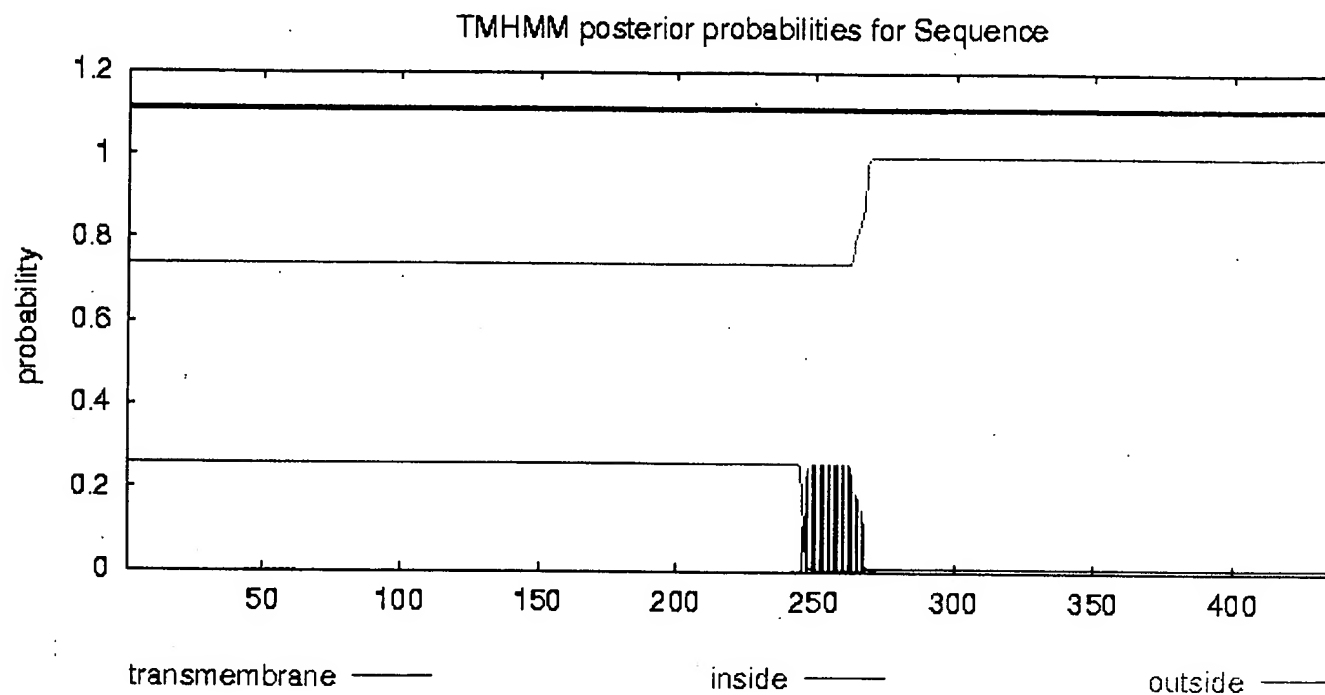


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 34

TMHMM result

```
# Sequence Length: 451
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 5.35878
# Sequence Exp number, first 60 AAs: 0.00342
# Sequence Total prob of N-in: 0.25935
Sequence      TMHMM2.0      outside      1      451
```

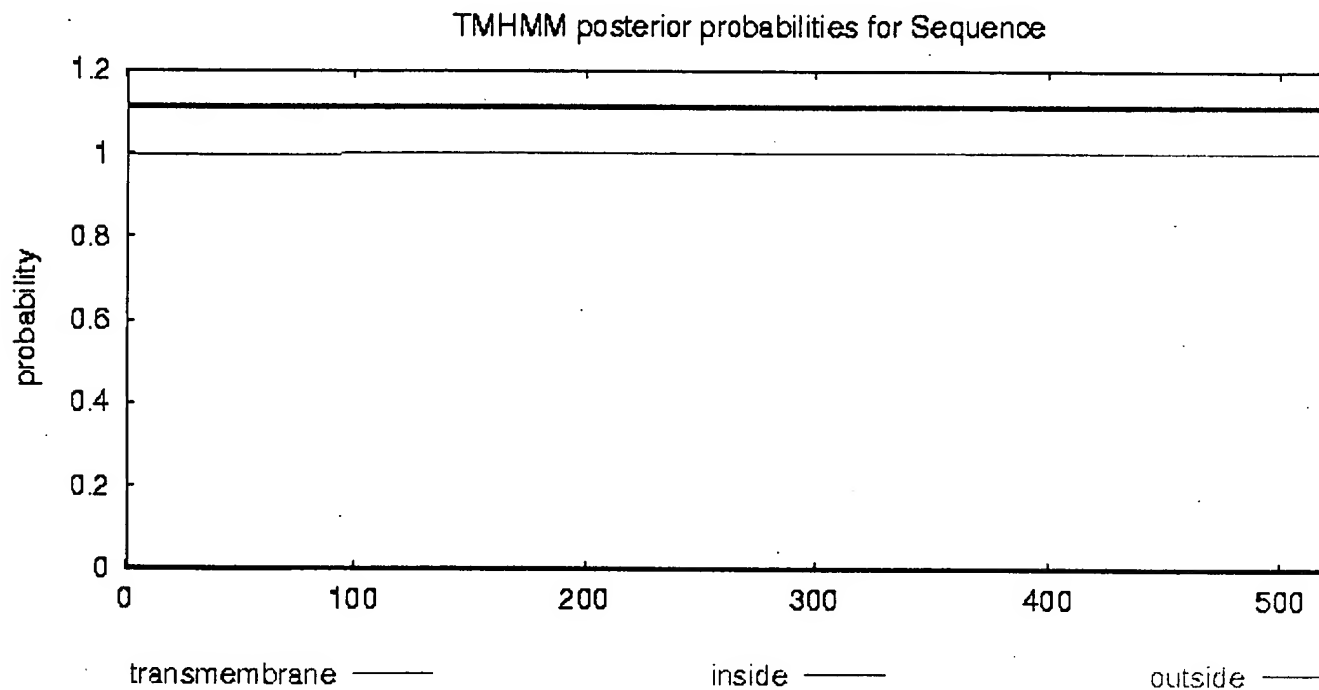


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 35

TMHMM result

Sequence Length: 540
Sequence Number of predicted TMHs: 0
Sequence Exp number of AAs in TMHs: 0.03206
Sequence Exp number, first 60 AAs: 0.00017
Sequence Total prob of N-in: 0.00248
Sequence TMHMM2.0 outside 1 540

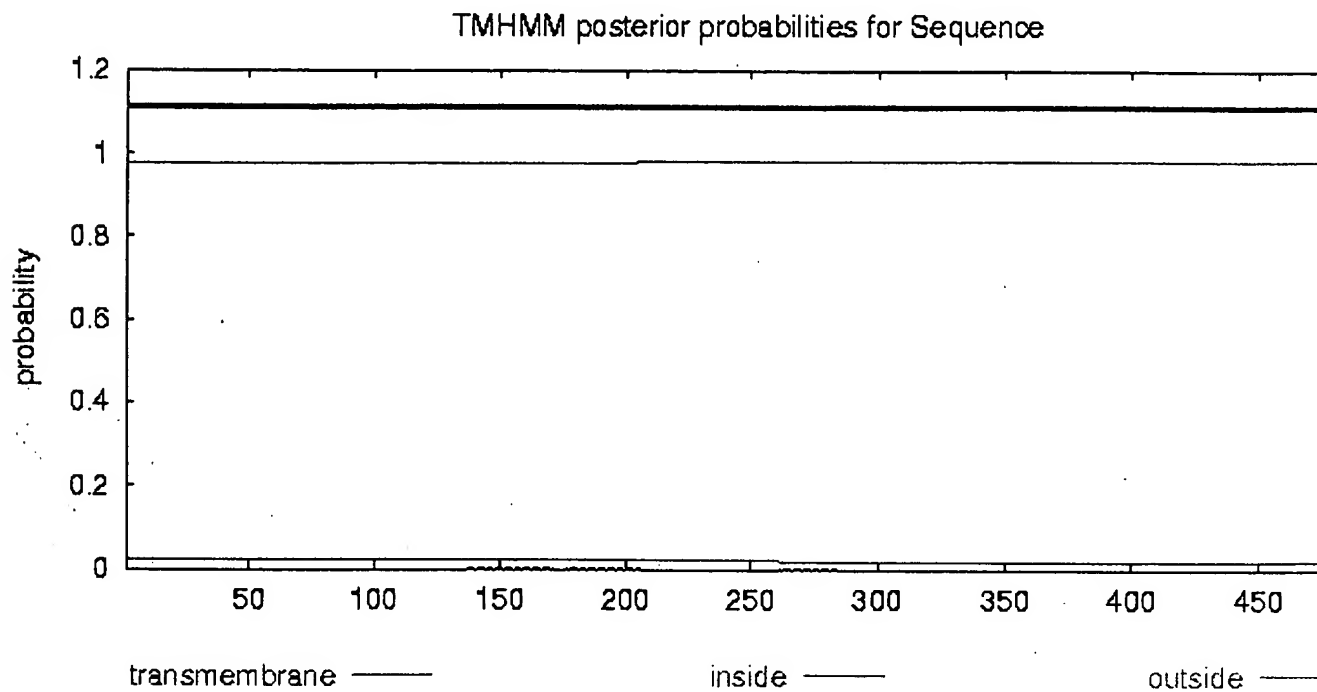


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 36

TMHMM result

Sequence Length: 495
Sequence Number of predicted TMHs: 0
Sequence Exp number of AAs in TMHs: 0.13163
Sequence Exp number, first 60 AAs: 0.00018
Sequence Total prob of N-in: 0.02398
Sequence TMHMM2.0 outside 1 495

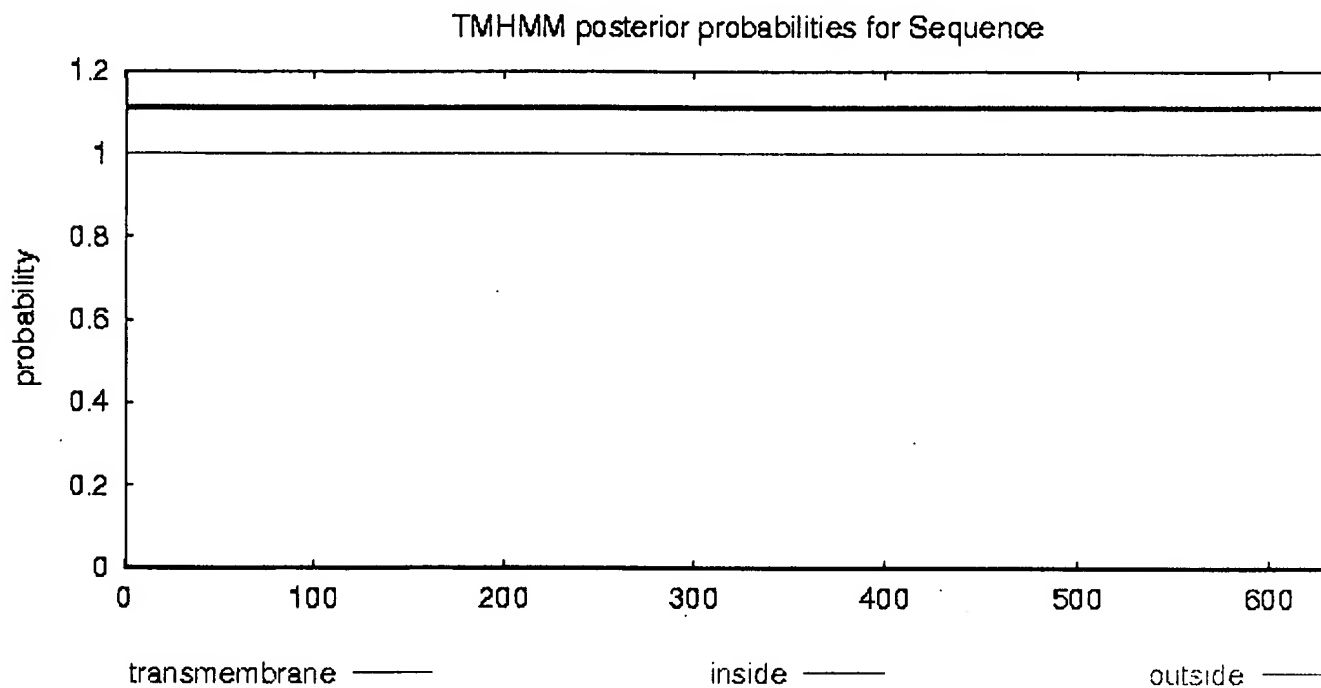


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 37

TMHMM result

```
# Sequence Length: 654
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.02069
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.00141
Sequence      TMHMM2.0      outside      1      654
```

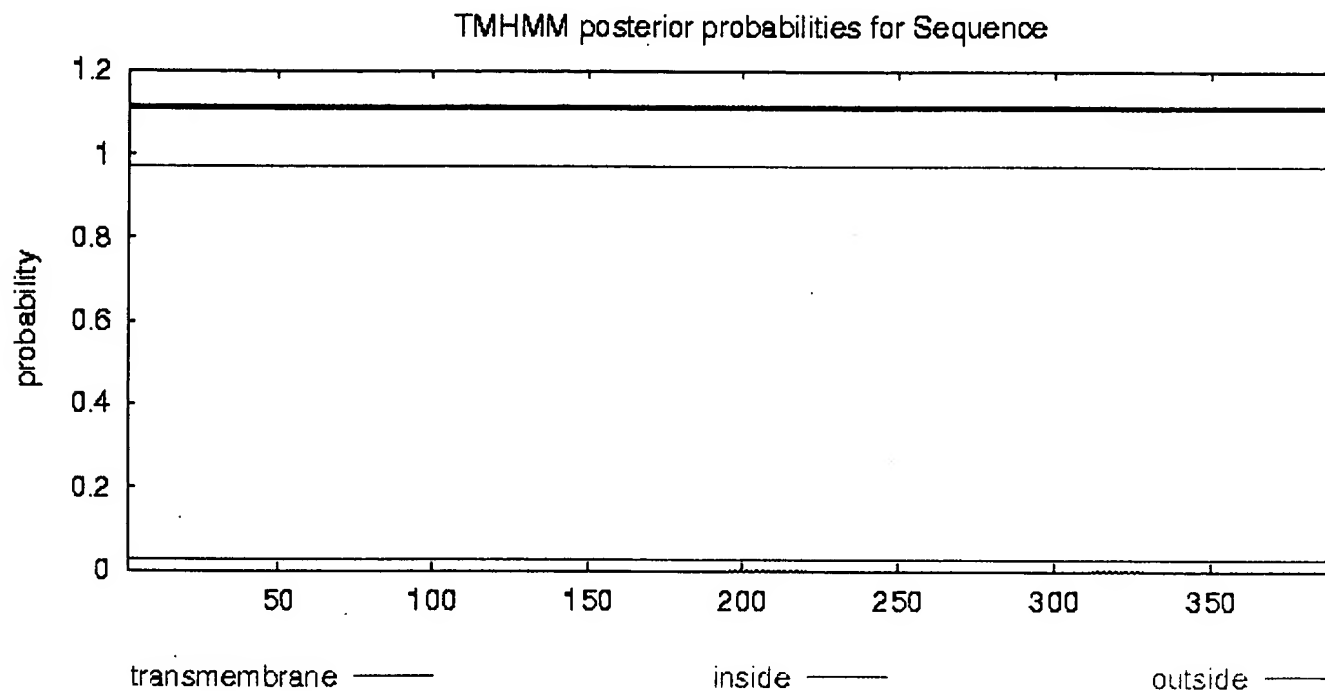


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 38

TMHMM result

```
# Sequence Length: 403
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.01894
# Sequence Exp number, first 60 AAs: 0.00016
# Sequence Total prob of N-in: 0.02901
Sequence      TMHMM2.0      outside      1      403
```

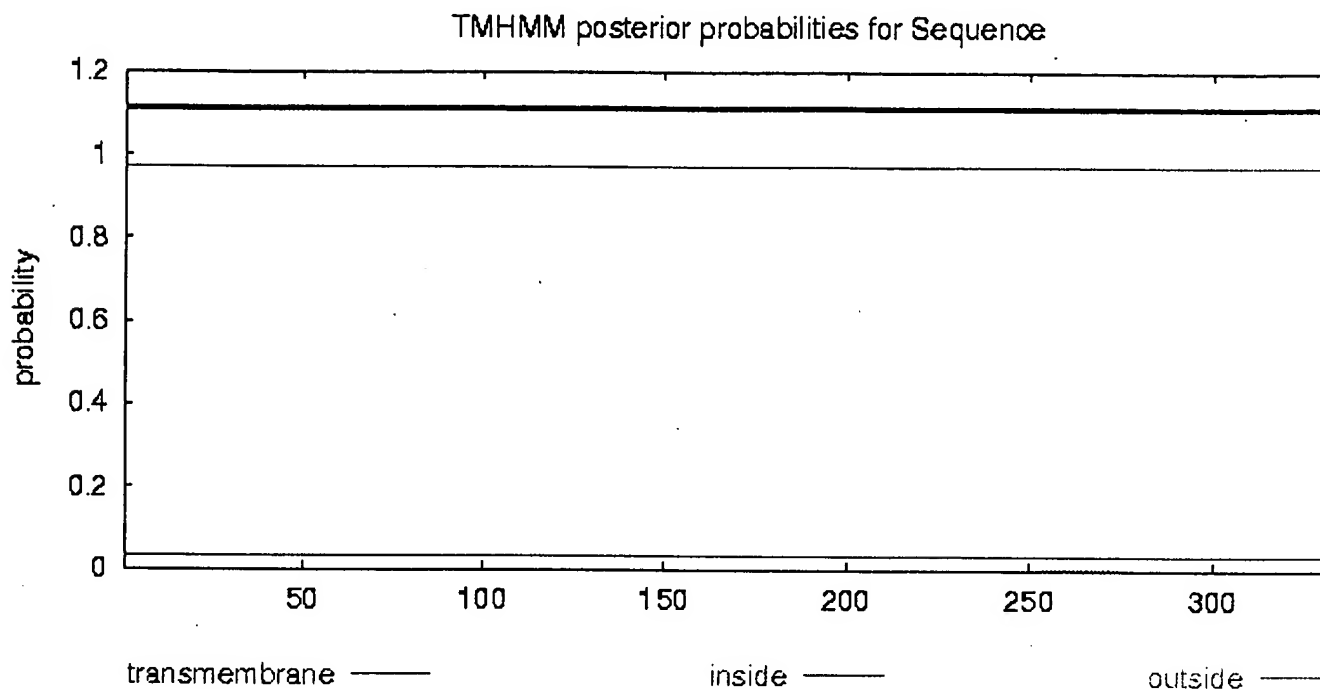


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 39

TMHMM result

```
# Sequence Length: 344
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.00656
# Sequence Exp number, first 60 AAs: 0
# Sequence Total prob of N-in: 0.03051
Sequence      TMHMM2.0      outside      1      344
```

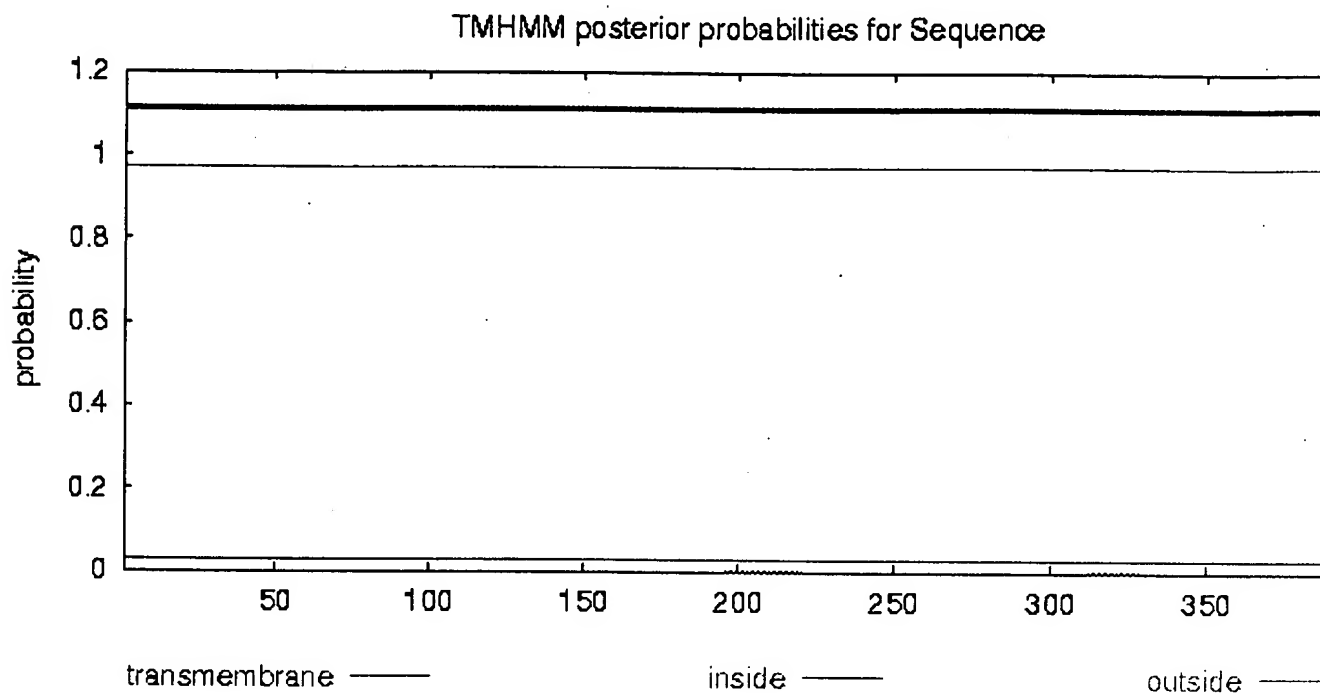


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 40

TMHMM result

```
# Sequence Length: 403
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.01898
# Sequence Exp number, first 60 AAs: 0.0002
# Sequence Total prob of N-in: 0.02901
Sequence      TMHMM2.0      outside      1      403
```

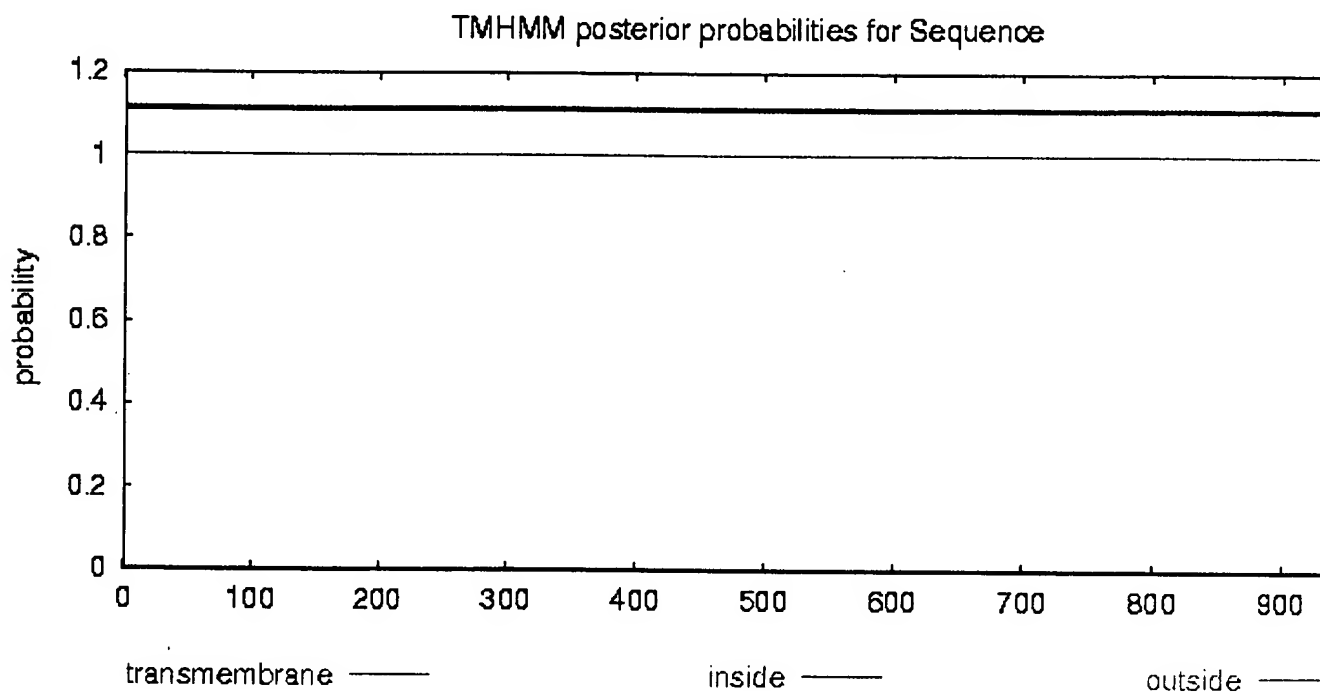


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 41

TMHMM result

Sequence Length: 970
Sequence Number of predicted TMHs: 0
Sequence Exp number of AAs in TMHs: 0.027
Sequence Exp number, first 60 AAs: 0.00569
Sequence Total prob of N-in: 0.00135
Sequence TMHMM2.0 outside 1 970

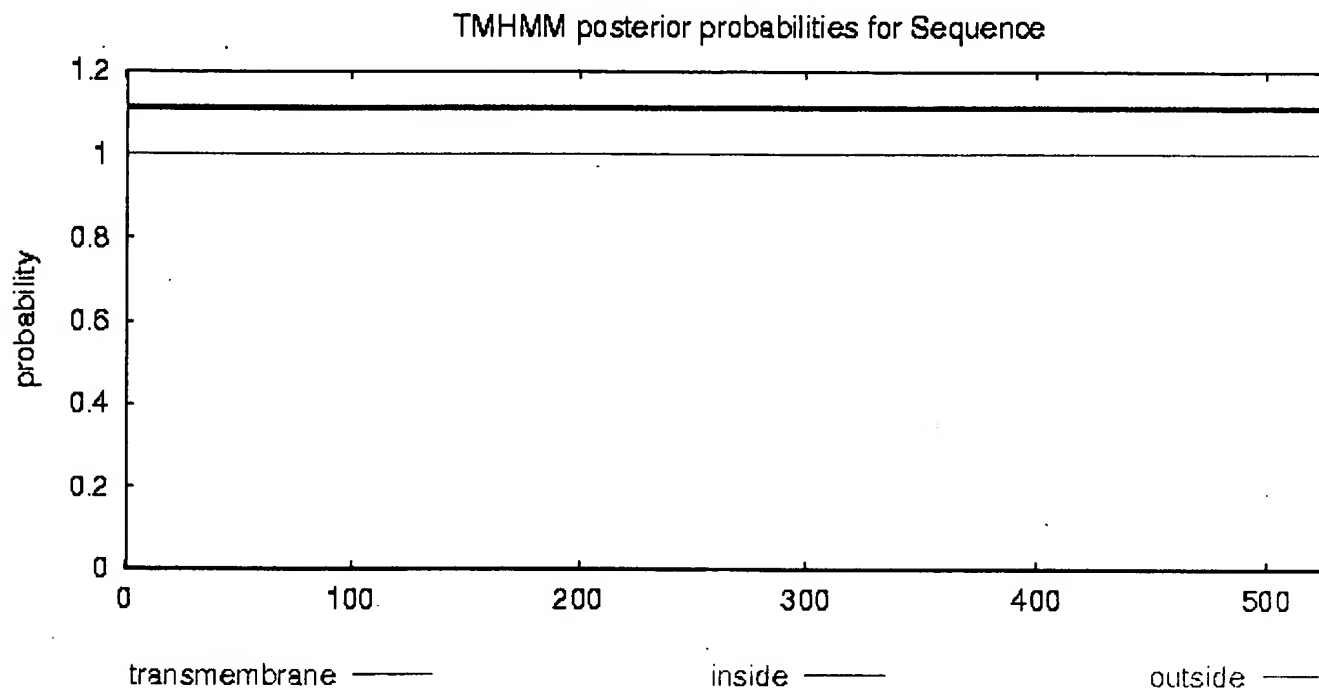


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 42

TMHMM result

Sequence Length: 547
Sequence Number of predicted TMHs: 0
Sequence Exp number of AAs in TMHs: 0.04084
Sequence Exp number, first 60 AAs: 0.01807
Sequence Total prob of N-in: 0.00177
Sequence TMHMM2.0 outside 1 547

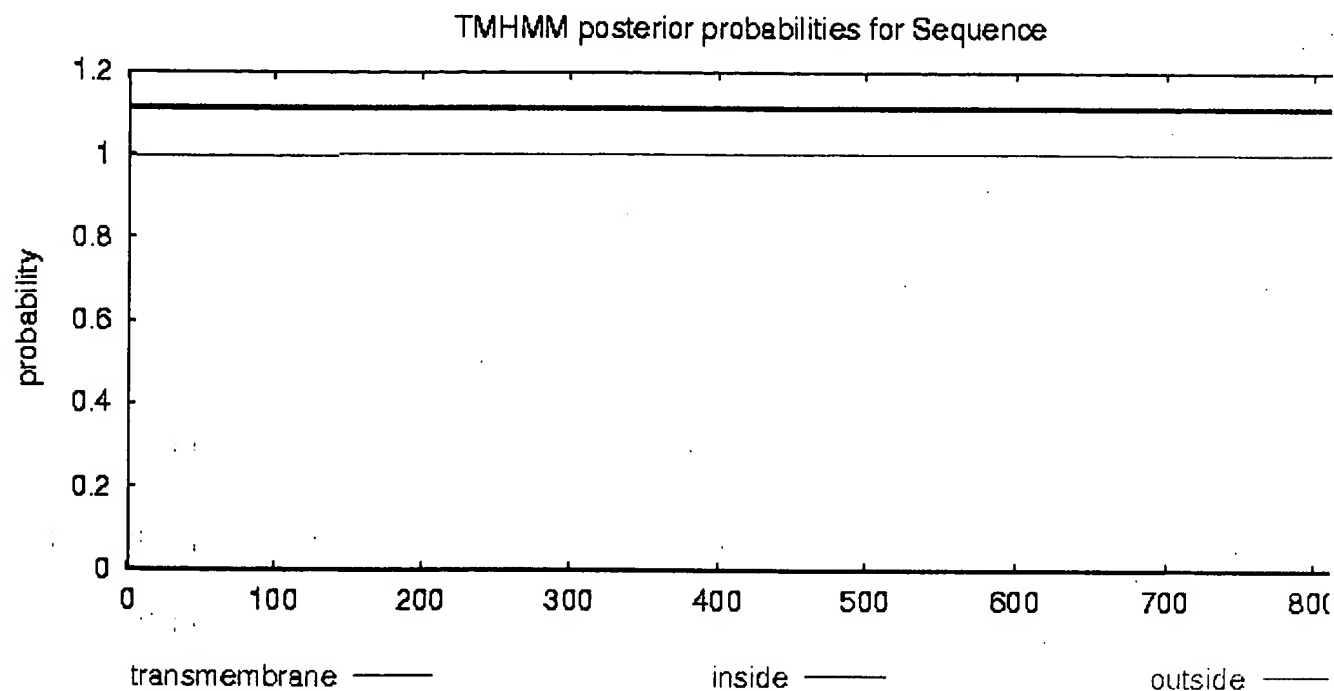


plot in postscript, script for making the plot in gnuplot, data for plot

FIG. 43

TMHMM result

```
# Sequence Length: 841
# Sequence Number of predicted TMHs: 0
# Sequence Exp number of AAs in TMHs: 0.0482
# Sequence Exp number, first 60 AAs: 0.00043
# Sequence Total prob of N-in: 0.00322
Sequence      TMHMM2.0      outside      1      841
```



```
# plot in postscript, script for making the plot in gnuplot, data for plot
```

FIG. 44